

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
 Data File : VY007660.D
 Acq On : 28 Feb 2022 19:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022822

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 07:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 07:42:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	390965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	625588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	561557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	282354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	176521	43.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.260%		
35) Dibromofluoromethane	7.716	113	172193	43.053	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.100%		
50) Toluene-d8	10.179	98	615544	41.809	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.620%		
62) 4-Bromofluorobenzene	12.477	95	204096	43.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121708	47.303	ug/l	98
3) Chloromethane	2.113	50	194630	48.255	ug/l	97
4) Vinyl Chloride	2.253	62	253686	43.252	ug/l	97
5) Bromomethane	2.650	94	204900	43.224	ug/l	98
6) Chloroethane	2.796	64	194384	43.215	ug/l	98
7) Trichlorofluoromethane	3.125	101	296915	44.307	ug/l	94
8) Diethyl Ether	3.527	74	100959	46.820	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	185226	45.279	ug/l	95
10) Methyl Iodide	4.088	142	247917	49.812	ug/l	92
11) Tert butyl alcohol	4.960	59	85143	240.266	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	164829	45.401	ug/l	91
13) Acrolein	3.735	56	68197	222.394	ug/l	98
14) Allyl chloride	4.478	41	254508	46.606	ug/l #	91
15) Acrylonitrile	5.167	53	272397	239.319	ug/l	99
16) Acetone	3.948	43	189182	227.208	ug/l	94
17) Carbon Disulfide	4.192	76	424784	48.262	ug/l	98
18) Methyl Acetate	4.478	43	113068	45.955	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	535170	47.494	ug/l	95
20) Methylene Chloride	4.716	84	198673	49.668	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	194342	45.876	ug/l	90
22) Diisopropyl ether	6.118	45	631191	48.384	ug/l #	96
23) Vinyl Acetate	6.057	43	2075127	251.536	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	366728	46.526	ug/l	99
25) 2-Butanone	6.984	43	334781	239.682	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	329635	46.993	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	235573	47.423	ug/l	89
28) Bromochloromethane	7.332	49	165821	49.467	ug/l	88
29) Tetrahydrofuran	7.344	42	228031	238.596	ug/l #	86
30) Chloroform	7.502	83	389250	47.666	ug/l	99
31) Cyclohexane	7.783	56	310830	49.228	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	346297	47.649	ug/l	97
36) 1,1-Dichloropropene	7.917	75	287744	45.734	ug/l	99
37) Ethyl Acetate	7.069	43	159506	45.900	ug/l	95
38) Carbon Tetrachloride	7.899	117	307816	45.864	ug/l	96
39) Methylcyclohexane	9.185	83	347985	45.003	ug/l	88
40) Benzene	8.161	78	812636	46.410	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
 Data File : VY007660.D
 Acq On : 28 Feb 2022 19:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022822

Quant Time: Mar 01 07:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 07:42:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	81759m	49.234	ug/l	
42) 1,2-Dichloroethane	8.240	62	255534	46.769	ug/l	94
43) Isopropyl Acetate	8.270	43	304724	47.417	ug/l #	91
44) Trichloroethene	8.941	130	226079	46.489	ug/l	97
45) 1,2-Dichloropropane	9.215	63	213962	47.252	ug/l	96
46) Dibromomethane	9.307	93	128933	47.435	ug/l	95
47) Bromodichloromethane	9.496	83	307374	48.214	ug/l	100
48) Methyl methacrylate	9.289	41	132040	47.401	ug/l #	83
49) 1,4-Dioxane	9.307	88	32222	981.946	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	825496	240.067	ug/l	90
52) Toluene	10.240	92	528373	46.669	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	314656	48.073	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	347333	48.030	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	174979	47.320	ug/l	100
56) Ethyl methacrylate	10.508	69	238281	48.537	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	299556	47.906	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	678171	253.300	ug/l	98
59) 2-Hexanone	10.831	43	557121	240.591	ug/l	87
60) Dibromochloromethane	10.983	129	216036	49.065	ug/l	99
61) 1,2-Dibromoethane	11.087	107	169151	47.992	ug/l	99
64) Tetrachloroethene	10.715	164	191115	45.913	ug/l	99
65) Chlorobenzene	11.514	112	582371	47.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	223742	48.904	ug/l	98
67) Ethyl Benzene	11.593	91	1049580	47.571	ug/l	98
68) m/p-Xylenes	11.703	106	809870	95.667	ug/l	94
69) o-Xylene	12.026	106	388947	48.484	ug/l	93
70) Styrene	12.044	104	654228	48.705	ug/l	96
71) Bromoform	12.209	173	139404	48.936	ug/l #	99
73) Isopropylbenzene	12.325	105	1035139	47.058	ug/l	100
74) N-amyl acetate	12.142	43	281712	48.111	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	218768	47.419	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	149674m	47.467	ug/l	
77) Bromobenzene	12.605	156	242914	47.943	ug/l	93
78) n-propylbenzene	12.672	91	1261510	47.527	ug/l	99
79) 2-Chlorotoluene	12.751	91	676855	47.654	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	842028	47.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	73238	47.483	ug/l	91
82) 4-Chlorotoluene	12.855	91	700725	47.963	ug/l	97
83) tert-Butylbenzene	13.075	119	773858	47.832	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	837117	48.318	ug/l	98
85) sec-Butylbenzene	13.251	105	1146502	47.905	ug/l	100
86) p-Isopropyltoluene	13.367	119	958757	48.504	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	486469	48.250	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	477192	47.955	ug/l	98
89) n-Butylbenzene	13.696	91	903370	48.355	ug/l	99
90) Hexachloroethane	13.958	117	183314	48.924	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	432428	48.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33502	47.950	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	275617	48.629	ug/l	99
94) Hexachlorobutadiene	15.111	225	160231	47.816	ug/l	98
95) Naphthalene	15.233	128	563311	48.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	246897	48.877	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
 Data File : VY007660.D
 Acq On : 28 Feb 2022 19:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022822

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 07:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 07:42:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
Data File : VY007660.D
Acq On : 28 Feb 2022 19:43
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_Y

Client SampleId :

ICVVY022822

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/01/2022

Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 07:44:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 07:42:15 2022
Response via : Initial Calibration

