

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008456.D
 Acq On : 22 Apr 2022 11:46
 Operator : KP/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBS01

Quant Time: Apr 23 01:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

04/25/2022

Supervised By :Mahesh

Dadoda

04/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76337	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	62317	58.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.320%	
35) Dibromofluoromethane	7.716	113	60465	59.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.180%	
50) Toluene-d8	10.179	98	226352	55.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	12.483	95	77089	56.424	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.840%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	17804	21.715	ug/l	97
3) Chloromethane	2.113	50	32874	25.480	ug/l	94
4) Vinyl Chloride	2.253	62	41306	24.639	ug/l	100
5) Bromomethane	2.643	94	38063	24.418	ug/l	92
6) Chloroethane	2.790	64	27669	24.809	ug/l	99
7) Trichlorofluoromethane	3.125	101	42051	24.214	ug/l	98
8) Diethyl Ether	3.527	74	13881	23.224	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	24726	23.917	ug/l	94
10) Methyl Iodide	4.094	142	26716	20.642	ug/l	91
11) Tert butyl alcohol	4.948	59	14667	124.015	ug/l	99
12) 1,1-Dichloroethene	3.875	96	23235	23.806	ug/l #	78
13) Acrolein	3.735	56	13090	115.733	ug/l	97
14) Allyl chloride	4.485	41	30481	23.927	ug/l #	88
15) Acrylonitrile	5.161	53	35748	116.972	ug/l	95
16) Acetone	3.948	43	26128	105.592	ug/l #	83
17) Carbon Disulfide	4.198	76	68994	23.382	ug/l	97
18) Methyl Acetate	4.478	43	15669	22.580	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	69381	22.466	ug/l	95
20) Methylene Chloride	4.716	84	37180	25.920	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	27723	23.286	ug/l #	83
22) Diisopropyl ether	6.118	45	70499	22.916	ug/l #	91
23) Vinyl Acetate	6.057	43	243938	115.656	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	45362	23.688	ug/l	97
25) 2-Butanone	6.990	43	42917	112.110	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	41584	23.446	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	31800	23.351	ug/l	83
28) Bromochloromethane	7.338	49	16328	21.138	ug/l #	71
29) Tetrahydrofuran	7.350	42	28782	116.734	ug/l #	77
30) Chloroform	7.508	83	48829	23.210	ug/l	96
31) Cyclohexane	7.789	56	40092	22.956	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	44905	24.376	ug/l	96
36) 1,1-Dichloropropene	7.917	75	37980	23.533	ug/l	97
37) Ethyl Acetate	7.069	43	20533	23.004	ug/l #	93
38) Carbon Tetrachloride	7.899	117	39219	23.388	ug/l	98
39) Methylcyclohexane	9.185	83	49736	24.068	ug/l #	85
40) Benzene	8.161	78	108380	23.018	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008456.D
 Acq On : 22 Apr 2022 11:46
 Operator : KP/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/25/2022

Supervised By :Mahesh
 Dadoda
 04/25/2022

Quant Time: Apr 23 01:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8066m	18.635	ug/l	
42) 1,2-Dichloroethane	8.240	62	32850	23.173	ug/l	91
43) Isopropyl Acetate	8.270	43	37437	22.806	ug/l #	87
44) Trichloroethene	8.941	130	30394	23.430	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26360	23.313	ug/l	95
46) Dibromomethane	9.307	93	17255	21.782	ug/l	95
47) Bromodichloromethane	9.496	83	38868	23.113	ug/l	97
48) Methyl methacrylate	9.295	41	16132	23.112	ug/l #	77
49) 1,4-Dioxane	9.295	88	4623	462.797	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	99880	115.661	ug/l #	86
52) Toluene	10.246	92	71159	22.852	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41033	22.754	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	45161	22.598	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	24537	22.694	ug/l	97
56) Ethyl methacrylate	10.508	69	31531	22.586	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	40239	22.799	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	79679	104.142	ug/l	91
59) 2-Hexanone	10.831	43	68405	115.110	ug/l	81
60) Dibromochloromethane	10.983	129	28153	22.664	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24250	22.677	ug/l	98
64) Tetrachloroethene	10.721	164	26211	23.126	ug/l	96
65) Chlorobenzene	11.520	112	77747	22.498	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28842	22.606	ug/l	96
67) Ethyl Benzene	11.593	91	135809	22.644	ug/l	98
68) m/p-Xylenes	11.703	106	107815	44.879	ug/l	93
69) o-Xylene	12.032	106	51595	22.308	ug/l	91
70) Styrene	12.044	104	87075	22.341	ug/l	94
71) Bromoform	12.209	173	16630	20.799	ug/l #	98
73) Isopropylbenzene	12.331	105	134987	23.323	ug/l	99
74) N-amyl acetate	12.148	43	33061	23.118	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	30035	23.225	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	22514m	22.789	ug/l	
77) Bromobenzene	12.611	156	31754	22.496	ug/l	95
78) n-propylbenzene	12.672	91	161657	23.286	ug/l	98
79) 2-Chlorotoluene	12.757	91	89619	22.936	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	111014	23.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	9087	21.338	ug/l	88
82) 4-Chlorotoluene	12.855	91	92445	22.832	ug/l	96
83) tert-Butylbenzene	13.074	119	97619	23.407	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	110887	23.263	ug/l	99
85) sec-Butylbenzene	13.257	105	147967	23.509	ug/l	100
86) p-Isopropyltoluene	13.373	119	121396	23.031	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	62999	22.293	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	62998	22.504	ug/l	100
89) n-Butylbenzene	13.696	91	114433	23.919	ug/l	100
90) Hexachloroethane	13.958	117	22321	23.554	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	57213	22.769	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4292	22.085	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	32897	23.519	ug/l	99
94) Hexachlorobutadiene	15.117	225	16710	24.485	ug/l	98
95) Naphthalene	15.239	128	73548	23.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29487	24.086	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
Data File : VY008456.D
Acq On : 22 Apr 2022 11:46
Operator : KP/MD
Sample : VY0422SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 01:50:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

04/25/2022

Supervised By :Mahesh
Dadoda

04/25/2022

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\VY042222\
 Data File : VY008456.D
 Acq On : 22 Apr 2022 11:46
 Operator : KP/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBS01

Quant Time: Apr 23 01:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

04/25/2022

Supervised By :Mahesh

Dadoda

04/25/2022

