

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007762.D
 Acq On : 07 Mar 2022 17:30
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Quant Time: Mar 08 03:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	291637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	423351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139106	45.561	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.120%		
35) Dibromofluoromethane	7.716	113	131202	43.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.560%		
50) Toluene-d8	10.179	98	463484	42.014	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.020%		
62) 4-Bromofluorobenzene	12.477	95	154041	43.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45742	21.808	ug/l	95
3) Chloromethane	2.113	50	78040	22.570	ug/l	95
4) Vinyl Chloride	2.247	62	102365	23.397	ug/l	100
5) Bromomethane	2.637	94	96625	27.326	ug/l	98
6) Chloroethane	2.790	64	75926	22.629	ug/l	99
7) Trichlorofluoromethane	3.119	101	104371	20.879	ug/l	87
8) Diethyl Ether	3.527	74	35873	22.302	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	65344	21.414	ug/l	96
10) Methyl Iodide	4.088	142	64299	17.319	ug/l	94
11) Tert butyl alcohol	4.942	59	30643m	115.923	ug/l	
12) 1,1-Dichloroethene	3.875	96	56112	20.719	ug/l #	78
13) Acrolein	3.728	56	33577	132.273	ug/l	99
14) Allyl chloride	4.478	41	89699	22.020	ug/l #	91
15) Acrylonitrile	5.155	53	94010	110.725	ug/l	98
16) Acetone	3.942	43	75557	121.650	ug/l #	87
17) Carbon Disulfide	4.192	76	149928	20.747	ug/l	99
18) Methyl Acetate	4.472	43	46527	22.505	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	179925	21.406	ug/l	98
20) Methylene Chloride	4.710	84	84279	26.193	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	64748	20.490	ug/l	92
22) Diisopropyl ether	6.112	45	215858	22.182	ug/l	96
23) Vinyl Acetate	6.057	43	680323	110.552	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	124492	21.173	ug/l	99
25) 2-Butanone	6.984	43	125398	120.354	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	113291	21.651	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	76538	20.656	ug/l	93
28) Bromochloromethane	7.331	49	52355	20.938	ug/l #	96
29) Tetrahydrofuran	7.344	42	77891	109.258	ug/l #	88
30) Chloroform	7.502	83	130691	21.455	ug/l	100
31) Cyclohexane	7.783	56	111820	21.518	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	118572	21.872	ug/l	98
36) 1,1-Dichloropropene	7.917	75	97365	20.653	ug/l	99
37) Ethyl Acetate	7.075	43	53132	20.405	ug/l	97
38) Carbon Tetrachloride	7.898	117	104296	20.739	ug/l	99
39) Methylcyclohexane	9.179	83	117266	20.240	ug/l	93
40) Benzene	8.161	78	273425	20.840	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007762.D
 Acq On : 07 Mar 2022 17:30
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 03:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28539m	22.936	ug/l	
42) 1,2-Dichloroethane	8.234	62	87968	21.487	ug/l	94
43) Isopropyl Acetate	8.270	43	104652	21.733	ug/l	95
44) Trichloroethene	8.935	130	73723	20.232	ug/l	96
45) 1,2-Dichloropropane	9.215	63	71719	21.138	ug/l	93
46) Dibromomethane	9.301	93	43361	21.291	ug/l	93
47) Bromodichloromethane	9.496	83	101568	21.263	ug/l	99
48) Methyl methacrylate	9.288	41	44244	21.197	ug/l #	84
49) 1,4-Dioxane	9.295	88	10591	430.745	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	279297	108.401	ug/l	93
52) Toluene	10.239	92	175887	20.733	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	100859	20.565	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	113867	21.014	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	59582	21.504	ug/l	99
56) Ethyl methacrylate	10.508	69	75882	20.628	ug/l	89
57) 1,3-Dichloropropane	10.788	76	100193	21.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	196581	97.991	ug/l	97
59) 2-Hexanone	10.831	43	196085	113.011	ug/l	91
60) Dibromochloromethane	10.983	129	69001	20.915	ug/l	99
61) 1,2-Dibromoethane	11.087	107	54609	20.678	ug/l	99
64) Tetrachloroethene	10.715	164	61363	19.554	ug/l	95
65) Chlorobenzene	11.514	112	188811	20.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	71003	20.586	ug/l	96
67) Ethyl Benzene	11.593	91	337750	20.306	ug/l	97
68) m/p-Xylenes	11.703	106	255518	40.037	ug/l	95
69) o-Xylene	12.026	106	121391	20.072	ug/l	96
70) Styrene	12.044	104	206455	20.388	ug/l	96
71) Bromoform	12.209	173	42891	19.972	ug/l #	99
73) Isopropylbenzene	12.324	105	334384	20.342	ug/l	99
74) N-amyl acetate	12.142	43	91597	20.932	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	70667	20.497	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	49319m	20.929	ug/l	
77) Bromobenzene	12.605	156	75824	20.025	ug/l	96
78) n-propylbenzene	12.666	91	412351	20.788	ug/l	100
79) 2-Chlorotoluene	12.757	91	217045	20.448	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	270058	20.546	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	22330	19.373	ug/l	92
82) 4-Chlorotoluene	12.855	91	230519	21.114	ug/l	98
83) tert-Butylbenzene	13.074	119	245417	20.298	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	266455	20.580	ug/l	98
85) sec-Butylbenzene	13.251	105	372262	20.814	ug/l	100
86) p-Isopropyltoluene	13.367	119	303799	20.566	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	154382	20.490	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	152308	20.481	ug/l	98
89) n-Butylbenzene	13.696	91	293444	21.018	ug/l	98
90) Hexachloroethane	13.958	117	57225	20.437	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	137188	20.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10389	19.897	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	82435	19.462	ug/l	98
94) Hexachlorobutadiene	15.111	225	47754	19.069	ug/l	100
95) Naphthalene	15.239	128	162053	18.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	71537	18.950	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
Data File : VY007762.D
Acq On : 07 Mar 2022 17:30
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 03:03:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 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\VY030722\
 Data File : VY007762.D
 Acq On : 07 Mar 2022 17:30
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Quant Time: Mar 08 03:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

