

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011502.D
 Acq On : 18 Nov 2022 15:27
 Operator : KP/MD
 Sample : VY1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Quant Time: Nov 19 22:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	190800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86500	44.648	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.300%		
35) Dibromofluoromethane	7.716	113	82783	44.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.740%		
50) Toluene-d8	10.179	98	297999	44.450	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.900%		
62) 4-Bromofluorobenzene	12.483	95	112865	45.534	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31051	26.978	ug/l	97
3) Chloromethane	2.119	50	41326	23.091	ug/l	96
4) Vinyl Chloride	2.253	62	47304	21.920	ug/l	97
5) Bromomethane	2.650	94	35355	23.550	ug/l	99
6) Chloroethane	2.796	64	32456	21.555	ug/l	99
7) Trichlorofluoromethane	3.131	101	69170	21.851	ug/l	98
8) Diethyl Ether	3.534	74	21725	21.235	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	38463	21.013	ug/l	96
10) Methyl Iodide	4.095	142	42005	19.696	ug/l	93
11) Tert butyl alcohol	4.948	59	27840	116.686	ug/l	99
12) 1,1-Dichloroethene	3.881	96	35751	21.322	ug/l	86
13) Acrolein	3.735	56	7260	142.119	ug/l	98
14) Allyl chloride	4.485	41	63080	21.430	ug/l	96
15) Acrylonitrile	5.161	53	58488	104.667	ug/l	97
16) Acetone	3.954	43	64160	101.955	ug/l	98
17) Carbon Disulfide	4.198	76	101213	21.780	ug/l	99
18) Methyl Acetate	4.479	43	34867	22.624	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	99062	20.701	ug/l	99
20) Methylene Chloride	4.716	84	60171	18.796	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	41096	21.210	ug/l	91
22) Diisopropyl ether	6.119	45	138648	21.579	ug/l	96
23) Vinyl Acetate	6.064	43	399178	106.656	ug/l	98
24) 1,1-Dichloroethane	6.021	63	78310	20.759	ug/l	99
25) 2-Butanone	6.990	43	87213	105.453	ug/l	92
26) 2,2-Dichloropropane	6.984	77	72411	20.797	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	47655	20.891	ug/l	94
28) Bromochloromethane	7.338	49	30721	20.271	ug/l	97
29) Tetrahydrofuran	7.350	42	49564	106.120	ug/l	95
30) Chloroform	7.509	83	81141	20.741	ug/l	97
31) Cyclohexane	7.789	56	68070	21.197	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	71478	20.424	ug/l	98
36) 1,1-Dichloropropene	7.923	75	59998	20.805	ug/l	99
37) Ethyl Acetate	7.076	43	34829	21.210	ug/l	97
38) Carbon Tetrachloride	7.905	117	65521	20.308	ug/l	98
39) Methylcyclohexane	9.185	83	69190	21.499	ug/l	96
40) Benzene	8.161	78	174311	20.750	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011502.D
 Acq On : 18 Nov 2022 15:27
 Operator : KP/MD
 Sample : VY1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Quant Time: Nov 19 22:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19765m	23.805	ug/l	
42) 1,2-Dichloroethane	8.240	62	53378	20.546	ug/l	97
43) Isopropyl Acetate	8.277	43	61807	20.864	ug/l	94
44) Trichloroethene	8.941	130	45641	20.194	ug/l	96
45) 1,2-Dichloropropane	9.216	63	44705	20.820	ug/l	95
46) Dibromomethane	9.307	93	24138	20.105	ug/l	98
47) Bromodichloromethane	9.496	83	60368	19.962	ug/l	98
48) Methyl methacrylate	9.295	41	28227	21.452	ug/l	94
49) 1,4-Dioxane	9.301	88	6194	416.597	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	171046	103.867	ug/l	96
52) Toluene	10.246	92	110029	20.713	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	60677	20.072	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	69020	20.296	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	35120	20.447	ug/l	98
56) Ethyl methacrylate	10.514	69	44010	20.602	ug/l	88
57) 1,3-Dichloropropane	10.795	76	60117	20.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	106900	102.178	ug/l	98
59) 2-Hexanone	10.837	43	122635	104.339	ug/l	94
60) Dibromochloromethane	10.984	129	42532	20.206	ug/l	99
61) 1,2-Dibromoethane	11.093	107	32338	20.626	ug/l	100
64) Tetrachloroethene	10.721	164	45933	20.300	ug/l	95
65) Chlorobenzene	11.520	112	120047	20.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44865	20.588	ug/l	96
67) Ethyl Benzene	11.593	91	212778	20.495	ug/l	99
68) m/p-Xylenes	11.703	106	164578	41.645	ug/l	97
69) o-Xylene	12.032	106	75111	20.414	ug/l	99
70) Styrene	12.050	104	129775	20.663	ug/l	96
71) Bromoform	12.209	173	26319	19.852	ug/l #	100
73) Isopropylbenzene	12.331	105	208482	20.271	ug/l	100
74) N-amyl acetate	12.148	43	51510	20.281	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	40886	20.174	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	28994m	18.932	ug/l	
77) Bromobenzene	12.611	156	47666	19.848	ug/l	97
78) n-propylbenzene	12.672	91	257691	20.538	ug/l	99
79) 2-Chlorotoluene	12.758	91	142581	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	178716	20.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13343	19.083	ug/l	96
82) 4-Chlorotoluene	12.855	91	150305	20.326	ug/l	100
83) tert-Butylbenzene	13.081	119	156155	20.679	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	178185	20.810	ug/l	99
85) sec-Butylbenzene	13.258	105	233549	20.728	ug/l	99
86) p-Isopropyltoluene	13.373	119	195129	20.751	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	98844	20.219	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	97067	19.857	ug/l	98
89) n-Butylbenzene	13.696	91	179713	20.790	ug/l	100
90) Hexachloroethane	13.965	117	36895	19.430	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	86882	20.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6747	20.300	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	49520	20.602	ug/l	99
94) Hexachlorobutadiene	15.117	225	31613	21.159	ug/l	97
95) Naphthalene	15.239	128	90114	20.466	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	41747	20.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
Data File : VY011502.D
Acq On : 18 Nov 2022 15:27
Operator : KP/MD
Sample : VY1118SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 22:40:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

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

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

