

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010090.D
 Acq On : 18 Aug 2022 17:58
 Operator : KP/MD
 Sample : VY0818SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	75357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41574	55.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.360%			
35) Dibromofluoromethane	7.704	113	37961	47.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.300%			
50) Toluene-d8	10.179	98	102007	34.246	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 68.500%			
62) 4-Bromofluorobenzene	12.477	95	59402	56.778	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9869	15.998	ug/l	91
3) Chloromethane	2.107	50	18083	21.392	ug/l	95
4) Vinyl Chloride	2.241	62	25059	23.380	ug/l	99
5) Bromomethane	2.631	94	23069	26.370	ug/l	94
6) Chloroethane	2.778	64	18325	24.826	ug/l	97
7) Trichlorofluoromethane	3.119	101	7957	6.250	ug/l	99
8) Diethyl Ether	3.509	74	7819	21.928	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.869	101	15043	22.281	ug/l #	34
10) Methyl Iodide	4.070	142	14862	18.597	ug/l	97
11) Tert butyl alcohol	4.948	59	9402	128.312	ug/l	98
12) 1,1-Dichloroethene	3.863	96	12476	20.191	ug/l	91
13) Acrolein	3.723	56	4970	98.818	ug/l	99
14) Allyl chloride	4.466	41	16907	18.618	ug/l	94
15) Acrylonitrile	5.149	53	19579	116.448	ug/l	99
16) Acetone	3.936	43	18171	112.594	ug/l #	88
17) Carbon Disulfide	4.174	76	26150	14.775	ug/l	96
18) Methyl Acetate	4.472	43	9579	21.796	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	34968	20.596	ug/l	94
20) Methylene Chloride	4.692	84	23550	30.211	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	13550	19.068	ug/l #	89
22) Diisopropyl ether	6.112	45	38766	21.704	ug/l	97
23) Vinyl Acetate	6.045	43	110767	98.280	ug/l	94
24) 1,1-Dichloroethane	6.009	63	26034	22.951	ug/l	98
25) 2-Butanone	6.978	43	26822	121.486	ug/l	93
26) 2,2-Dichloropropane	6.972	77	26934	22.593	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	17660	22.599	ug/l	98
28) Bromochloromethane	7.319	49	9056	19.186	ug/l	96
29) Tetrahydrofuran	7.344	42	15293	106.641	ug/l	94
30) Chloroform	7.496	83	31404	22.638	ug/l	98
31) Cyclohexane	7.777	56	18842	17.698	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	24507	19.488	ug/l	99
36) 1,1-Dichloropropene	7.893	75	11687	10.420	ug/l	97
37) Ethyl Acetate	7.063	43	11676	20.673	ug/l #	92
38) Carbon Tetrachloride	7.893	117	22016	15.961	ug/l	95
39) Methylcyclohexane	9.173	83	14842	11.746	ug/l	95
40) Benzene	8.149	78	61638	18.786	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010090.D
 Acq On : 18 Aug 2022 17:58
 Operator : KP/MD
 Sample : VY0818SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5620m	19.264	ug/l	
42) 1,2-Dichloroethane	8.228	62	21258	20.793	ug/l	99
43) Isopropyl Acetate	8.271	43	19585	18.269	ug/l #	87
44) Trichloroethene	8.935	130	19531	19.694	ug/l	97
45) 1,2-Dichloropropane	9.209	63	7266	9.366	ug/l	99
46) Dibromomethane	9.301	93	4015	8.080	ug/l #	84
47) Bromodichloromethane	9.490	83	9741	8.128	ug/l	95
48) Methyl methacrylate	9.289	41	4779	10.245	ug/l	88
49) 1,4-Dioxane	9.295	88	830	162.472	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	33815	57.172	ug/l	94
52) Toluene	10.240	92	32461	15.350	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	10034	8.693	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	10660	8.443	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	5474	7.976	ug/l	88
56) Ethyl methacrylate	10.508	69	6824	8.603	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	9947	9.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	19094	55.624	ug/l #	87
59) 2-Hexanone	10.831	43	29593	81.805	ug/l	94
60) Dibromochloromethane	10.977	129	19087	20.997	ug/l	100
61) 1,2-Dibromoethane	11.087	107	14530	21.724	ug/l	99
64) Tetrachloroethene	10.715	164	5780	5.550	ug/l	91
65) Chlorobenzene	11.514	112	51416	20.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	20893	20.739	ug/l	98
67) Ethyl Benzene	11.587	91	83583	19.608	ug/l	98
68) m/p-Xylenes	11.703	106	69955	41.311	ug/l	96
69) o-Xylene	12.026	106	32710	20.676	ug/l	93
70) Styrene	12.044	104	56899	21.314	ug/l	96
71) Bromoform	12.203	173	13170	20.867	ug/l #	99
73) Isopropylbenzene	12.325	105	85369	18.592	ug/l	98
74) N-amyl acetate	12.142	43	17712	17.038	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	17258	18.906	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	9762m	14.018	ug/l	
77) Bromobenzene	12.605	156	22957	18.819	ug/l	93
78) n-propylbenzene	12.672	91	105304	18.602	ug/l	97
79) 2-Chlorotoluene	12.758	91	60320	18.843	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	78080	19.519	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	5660	18.368	ug/l	96
82) 4-Chlorotoluene	12.849	91	64116	19.146	ug/l	97
83) tert-Butylbenzene	13.075	119	69790	19.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	81434	20.734	ug/l	98
85) sec-Butylbenzene	13.251	105	101447	19.760	ug/l	97
86) p-Isopropyltoluene	13.367	119	87282	19.837	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	48609	19.569	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	50041	19.954	ug/l	100
89) n-Butylbenzene	13.696	91	74540	19.015	ug/l	98
90) Hexachloroethane	13.959	117	17464	19.582	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	44734	20.248	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2965	18.898	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	20697	15.681	ug/l	99
94) Hexachlorobutadiene	15.111	225	11234	13.300	ug/l	97
95) Naphthalene	15.233	128	38790	16.601	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20563	17.701	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
Data File : VY010090.D
Acq On : 18 Aug 2022 17:58
Operator : KP/MD
Sample : VY0818SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBSD02

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:10:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
Response via : Initial Calibration

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

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

