

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016408.D
 Acq On : 17 Nov 2023 14:15
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 05:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159212	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	253597	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	221730	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	108235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74440	51.157	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.320%			
35) Dibromofluoromethane	7.715	113	78304	54.355	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.720%			
50) Toluene-d8	10.178	98	301215	51.561	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.483	95	100997	53.230	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	30089	19.301	ug/l	93
3) Chloromethane	2.107	50	31874	17.458	ug/l	100
4) Vinyl Chloride	2.247	62	33671	17.151	ug/l	96
5) Bromomethane	2.643	94	21813	16.906	ug/l	96
6) Chloroethane	2.789	64	21686	17.311	ug/l	96
7) Trichlorofluoromethane	3.119	101	56889	19.917	ug/l	99
8) Diethyl Ether	3.527	74	16601	19.446	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	33957	19.738	ug/l	96
10) Methyl Iodide	4.082	142	33818	18.201	ug/l	98
11) Tert butyl alcohol	4.948	59	12681	111.287	ug/l #	84
12) 1,1-Dichloroethene	3.862	96	29657	18.433	ug/l	89
13) Acrolein	3.728	56	12430	90.438	ug/l	100
14) Allyl chloride	4.472	41	40886	17.908	ug/l #	91
15) Acrylonitrile	5.155	53	36124	106.629	ug/l	96
16) Acetone	3.942	43	34134	141.813	ug/l #	84
17) Carbon Disulfide	4.192	76	76111	15.679	ug/l	97
18) Methyl Acetate	4.472	43	25881	20.235	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	77980	20.025	ug/l	96
20) Methylene Chloride	4.710	84	44807	24.582	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	34273	18.501	ug/l	93
22) Diisopropyl ether	6.112	45	92527	18.805	ug/l #	89
23) Vinyl Acetate	6.051	43	227714	95.511	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	58131	19.150	ug/l	94
25) 2-Butanone	6.978	43	49335	117.020	ug/l	92
26) 2,2-Dichloropropane	6.978	77	55995	20.268	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	38373	19.221	ug/l	91
28) Bromochloromethane	7.325	49	21809	19.413	ug/l	85
29) Tetrahydrofuran	7.350	42	27919	100.190	ug/l #	85
30) Chloroform	7.502	83	64405	20.384	ug/l	98
31) Cyclohexane	7.783	56	49156	17.158	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	58901	20.337	ug/l	97
36) 1,1-Dichloropropene	7.917	75	45976	18.380	ug/l	97
37) Ethyl Acetate	7.069	43	20832	20.611	ug/l #	95
38) Carbon Tetrachloride	7.898	117	53274	20.520	ug/l	96
39) Methylcyclohexane	9.185	83	55871	17.925	ug/l	90
40) Benzene	8.154	78	138428	19.697	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016408.D
 Acq On : 17 Nov 2023 14:15
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 05:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11481	22.529	ug/l	92
42) 1,2-Dichloroethane	8.234	62	38058	20.900	ug/l	92
43) Isopropyl Acetate	8.270	43	38165	19.535	ug/l #	88
44) Trichloroethene	8.941	130	39689	19.650	ug/l	95
45) 1,2-Dichloropropane	9.215	63	33124	19.625	ug/l	100
46) Dibromomethane	9.307	93	18631	20.370	ug/l	98
47) Bromodichloromethane	9.496	83	48681	20.703	ug/l	97
48) Methyl methacrylate	9.288	41	21193	19.628	ug/l #	82
49) 1,4-Dioxane	9.294	88	4180	430.476	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	101451	102.690	ug/l	89
52) Toluene	10.245	92	87605	19.720	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46766	20.516	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	54625	20.063	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	27387	21.725	ug/l	96
56) Ethyl methacrylate	10.508	69	24544	20.625	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	44521	20.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80301	99.517	ug/l	90
59) 2-Hexanone	10.831	43	77751	105.805	ug/l	86
60) Dibromochloromethane	10.983	129	34412	21.826	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25434	21.177	ug/l	99
64) Tetrachloroethene	10.721	164	42684	21.439	ug/l	96
65) Chlorobenzene	11.514	112	95221	20.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36556	20.922	ug/l	97
67) Ethyl Benzene	11.593	91	167397	19.662	ug/l	98
68) m/p-Xylenes	11.703	106	130095	40.287	ug/l	93
69) o-Xylene	12.032	106	60442	20.160	ug/l	95
70) Styrene	12.044	104	88257	20.558	ug/l	98
71) Bromoform	12.209	173	19996	22.055	ug/l #	100
73) Isopropylbenzene	12.330	105	167542	19.116	ug/l	100
74) N-amyl acetate	12.148	43	33208	18.863	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	28106	19.984	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	19280m	18.569	ug/l	
77) Bromobenzene	12.611	156	38438	19.404	ug/l	96
78) n-propylbenzene	12.672	91	194667	18.794	ug/l	98
79) 2-Chlorotoluene	12.757	91	108968	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	136244	19.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9800	20.487	ug/l	90
82) 4-Chlorotoluene	12.855	91	112618	19.093	ug/l	98
83) tert-Butylbenzene	13.074	119	122179	19.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	136438	19.609	ug/l	98
85) sec-Butylbenzene	13.257	105	173476	19.509	ug/l	99
86) p-Isopropyltoluene	13.373	119	150045	19.596	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74636	19.584	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	74209	19.924	ug/l	99
89) n-Butylbenzene	13.696	91	136410	19.291	ug/l	96
90) Hexachloroethane	13.964	117	28979	19.620	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	66145	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4683	20.929	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	39332	20.634	ug/l	98
94) Hexachlorobutadiene	15.117	225	24348	22.295	ug/l	95
95) Naphthalene	15.238	128	70515	20.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	33206	21.061	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016408.D
Acq On : 17 Nov 2023 14:15
Operator : SY/MD
Sample : VY1117SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/20/2023
Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 05:18:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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\VY111723\
 Data File : VY016408.D
 Acq On : 17 Nov 2023 14:15
 Operator : SY/MD
 Sample : VY1117SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 05:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

