

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016412.D
 Acq On : 17 Nov 2023 16:05
 Operator : SY/MD
 Sample : VY1117SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 18 05:20:42 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	7.789	168	156366	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.691	114	252277	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	220691	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	105313	50.000	ug/l	0.00

11/20/2023
 Supervised By :Mahesh
 Gadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72956	51.049	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.100%	
35) Dibromofluoromethane	7.716	113	76411	53.319	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.179	98	292402	50.314	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	96003	50.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.720%	

11/20/2023

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29000	18.941	ug/l	99
3) Chloromethane	2.113	50	31087	17.337	ug/l	99
4) Vinyl Chloride	2.247	62	32835	17.029	ug/l	93
5) Bromomethane	2.644	94	21368	16.863	ug/l	93
6) Chloroethane	2.790	64	22203	18.046	ug/l	95
7) Trichlorofluoromethane	3.119	101	55766	19.879	ug/l	100
8) Diethyl Ether	3.528	74	16714	19.935	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	32882	19.461	ug/l	96
10) Methyl Iodide	4.089	142	32774	17.960	ug/l	99
11) Tert butyl alcohol	4.948	59	12080	107.942	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	29778	18.845	ug/l	90
13) Acrolein	3.723	56	11940	88.454	ug/l	99
14) Allyl chloride	4.479	41	40827	18.208	ug/l #	92
15) Acrylonitrile	5.155	53	34120	102.547	ug/l	98
16) Acetone	3.942	43	29600	125.214	ug/l #	87
17) Carbon Disulfide	4.192	76	76555	16.057	ug/l	99
18) Methyl Acetate	4.479	43	25722	20.477	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	77309	20.214	ug/l	100
20) Methylene Chloride	4.710	84	44396	24.833	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	33927	18.648	ug/l	95
22) Diisopropyl ether	6.113	45	93908	19.433	ug/l	89
23) Vinyl Acetate	6.058	43	226684	96.809	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	59386	19.920	ug/l	96
25) 2-Butanone	6.984	43	46024	111.154	ug/l	94
26) 2,2-Dichloropropane	6.978	77	54472	20.076	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	38808	19.793	ug/l	92
28) Bromochloromethane	7.338	49	22035	19.971	ug/l	84
29) Tetrahydrofuran	7.344	42	27039	98.798	ug/l #	88
30) Chloroform	7.509	83	65091	20.976	ug/l	99
31) Cyclohexane	7.783	56	49147	17.467	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	59353	20.866	ug/l	97
36) 1,1-Dichloropropene	7.917	75	47697	19.167	ug/l	99
37) Ethyl Acetate	7.070	43	20777	20.664	ug/l	94
38) Carbon Tetrachloride	7.899	117	52517	20.335	ug/l	99
39) Methylcyclohexane	9.185	83	55348	17.850	ug/l	94
40) Benzene	8.161	78	138793	19.852	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016412.D
 Acq On : 17 Nov 2023 16:05
 Operator : SY/MD
 Sample : VY1117SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 18 05:20:42 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	12060	23.789	ug/l	#	87
42) 1,2-Dichloroethane	8.234	62	38125	21.046	ug/l		94
43) Isopropyl Acetate	8.271	43	38373	19.744	ug/l	#	89
44) Trichloroethene	8.935	130	39521	19.669	ug/l		97
45) 1,2-Dichloropropane	9.216	63	34249	20.398	ug/l		94
46) Dibromomethane	9.307	93	19218	21.122	ug/l		95
47) Bromodichloromethane	9.496	83	48485	20.727	ug/l		98
48) Methyl methacrylate	9.289	41	21046	19.594	ug/l		85
49) 1,4-Dioxane	9.301	88	4019	416.061	ug/l	#	63
51) 4-Methyl-2-Pentanone	10.069	43	99837	101.585	ug/l		90
52) Toluene	10.246	92	89689	20.294	ug/l		94
53) t-1,3-Dichloropropene	10.465	75	46357	20.443	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	54994	20.304	ug/l	#	88
55) 1,1,2-Trichloroethane	10.642	97	26942	21.483	ug/l		95
56) Ethyl methacrylate	10.508	69	23925	20.210	ug/l	#	83
57) 1,3-Dichloropropane	10.789	76	44580	20.854	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.783	63	78124	97.326	ug/l		93
59) 2-Hexanone	10.831	43	76397	104.507	ug/l		87
60) Dibromochloromethane	10.984	129	34998	22.314	ug/l		99
61) 1,2-Dibromoethane	11.087	107	25195	21.088	ug/l		99
64) Tetrachloroethene	10.721	164	40924	20.652	ug/l		99
65) Chlorobenzene	11.514	112	95780	20.313	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37597	21.619	ug/l		99
67) Ethyl Benzene	11.593	91	171224	20.206	ug/l		99
68) m/p-Xylenes	11.703	106	130622	40.641	ug/l		93
69) o-Xylene	12.026	106	61012	20.446	ug/l		97
70) Styrene	12.044	104	88619	20.740	ug/l		98
71) Bromoform	12.209	173	19784	21.924	ug/l	#	100
73) Isopropylbenzene	12.331	105	166820	19.561	ug/l		99
74) N-amyl acetate	12.142	43	32646	19.058	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	28033	20.485	ug/l		98
76) 1,2,3-Trichloropropane	12.630	75	21002m	20.789	ug/l		
77) Bromobenzene	12.611	156	39025	20.247	ug/l		93
78) n-propylbenzene	12.672	91	196530	19.500	ug/l		99
79) 2-Chlorotoluene	12.758	91	109570	19.728	ug/l		99
80) 1,3,5-Trimethylbenzene	12.813	105	136568	19.862	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	9409	20.216	ug/l		93
82) 4-Chlorotoluene	12.855	91	115055	20.047	ug/l		100
83) tert-Butylbenzene	13.075	119	118622	19.587	ug/l		98
84) 1,2,4-Trimethylbenzene	13.117	105	135021	19.943	ug/l		98
85) sec-Butylbenzene	13.252	105	172035	19.884	ug/l		99
86) p-Isopropyltoluene	13.367	119	148822	19.976	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	74726	20.152	ug/l		100
88) 1,4-Dichlorobenzene	13.447	146	73196	20.198	ug/l		98
89) n-Butylbenzene	13.697	91	134974	19.618	ug/l		97
90) Hexachloroethane	13.959	117	28966	20.155	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	64641	20.343	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4193	19.259	ug/l		89
93) 1,2,4-Trichlorobenzene	15.007	180	36286	19.564	ug/l		97
94) Hexachlorobutadiene	15.111	225	22952	21.600	ug/l		97
95) Naphthalene	15.239	128	62595	18.870	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	30200	19.686	ug/l		99

11/20/2023
 Supervised By :Mahesh
 Dadoda

11/20/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016412.D
 Acq On : 17 Nov 2023 16:05
 Operator : SY/MD
 Sample : VY1117SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 18 05:20:42 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

11/20/2023
 Supervised By :Mahesh
 Dadoda

11/20/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016412.D
Acq On : 17 Nov 2023 16:05
Operator : SY/MD
Sample : VY1117SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD02

Manual Integrations
APPROVED

Reviewed By :John
Carlone

Quant Time: Nov 18 05:20:42 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

