

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020925.D
 Acq On : 18 Nov 2021 13:57
 Operator : SY/VA
 Sample : VW1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 04:59:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:59:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	75527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	112539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	100565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	53893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	34294	49.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.040%		
35) Dibromofluoromethane	7.884	113	34568	48.970	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.940%		
50) Toluene-d8	10.323	98	132109	51.027	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.060%		
62) 4-Bromofluorobenzene	12.615	95	48235	49.956	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	3507	25.535	ug/l	93
3) Chloromethane	2.208	50	9289	21.365	ug/l	100
4) Vinyl Chloride	2.355	62	16348	21.353	ug/l	97
5) Bromomethane	2.757	94	13520	27.436	ug/l	94
6) Chloroethane	2.910	64	6776	22.962	ug/l	97
7) Trichlorofluoromethane	3.245	101	6990	22.014	ug/l	96
8) Diethyl Ether	3.678	74	6906	20.708	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	15004	22.905	ug/l	98
10) Methyl Iodide	4.263	142	19546	19.783	ug/l	99
11) Tert butyl alcohol	5.177	59	7283m	118.161	ug/l	
12) 1,1-Dichloroethene	4.037	96	13915	21.678	ug/l	94
13) Acrolein	3.891	56	1284	120.436	ug/l	98
14) Allyl chloride	4.659	41	18268	19.823	ug/l	99
15) Acrylonitrile	5.366	53	14537	100.750	ug/l	99
16) Acetone	4.129	43	15441	106.176	ug/l	100
17) Carbon Disulfide	4.379	76	37064	21.013	ug/l	99
18) Methyl Acetate	4.671	43	9751	19.216	ug/l	100
19) Methyl tert-butyl Ether	5.433	73	22625	20.454	ug/l	95
20) Methylene Chloride	4.915	84	20191	24.857	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	15609	21.362	ug/l	96
22) Diisopropyl ether	6.317	45	38619	20.424	ug/l	99
23) Vinyl Acetate	6.256	43	111210	100.506	ug/l	99
24) 1,1-Dichloroethane	6.214	63	25329	21.055	ug/l	99
25) 2-Butanone	7.171	43	20060	97.121	ug/l #	90
26) 2,2-Dichloropropane	7.165	77	18219	21.344	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	17686	21.667	ug/l	99
28) Bromochloromethane	7.512	49	9995	19.635	ug/l	99
29) Tetrahydrofuran	7.531	42	12091	96.528	ug/l	99
30) Chloroform	7.677	83	28739	21.715	ug/l	94
31) Cyclohexane	7.951	56	24386	20.894	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	24714	22.116	ug/l	98
36) 1,1-Dichloropropene	8.079	75	22284	22.041	ug/l	99
37) Ethyl Acetate	7.256	43	8902	19.304	ug/l	99
38) Carbon Tetrachloride	8.067	117	23338	21.700	ug/l	94
39) Methylcyclohexane	9.335	83	27867	21.953	ug/l	97
40) Benzene	8.323	78	62849	21.803	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5076	20.644	ug/l	94
42) 1,2-Dichloroethane	8.396	62	18349	20.984	ug/l	99
43) Isopropyl Acetate	8.427	43	17728	19.589	ug/l	98
44) Trichloroethene	9.091	130	18812	22.367	ug/l	96
45) 1,2-Dichloropropane	9.372	63	13935	20.991	ug/l	98
46) Dibromomethane	9.457	93	8817	20.963	ug/l	94
47) Bromodichloromethane	9.646	83	20603	20.704	ug/l	100
48) Methyl methacrylate	9.433	41	8161	20.271	ug/l	98
49) 1,4-Dioxane	9.451	88	2497	411.996	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	44623	96.841	ug/l	100
52) Toluene	10.384	92	40422	21.815	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	19798	20.037	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	23190	20.740	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	11585	20.544	ug/l	96
56) Ethyl methacrylate	10.646	69	14309	19.928	ug/l	98
57) 1,3-Dichloropropane	10.932	76	19199	20.222	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.920	63	34835	96.396	ug/l	100
59) 2-Hexanone	10.969	43	31079	96.957	ug/l	98
60) Dibromochloromethane	11.128	129	14096	19.828	ug/l	96
61) 1,2-Dibromoethane	11.237	107	11500	20.554	ug/l	97
64) Tetrachloroethene	10.865	164	17012	22.770	ug/l	91
65) Chlorobenzene	11.658	112	44519	22.019	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	16006	21.291	ug/l	99
67) Ethyl Benzene	11.731	91	77884	21.951	ug/l	99
68) m/p-Xylenes	11.841	106	62413	43.510	ug/l	99
69) o-Xylene	12.164	106	28981	21.546	ug/l	97
70) Styrene	12.182	104	48750	21.579	ug/l	99
71) Bromoform	12.347	173	8424	19.385	ug/l #	98
73) Isopropylbenzene	12.463	105	81056	22.009	ug/l	100
74) N-amyl acetate	12.274	43	16810	19.163	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	13183	20.518	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	10282m	21.234	ug/l	
77) Bromobenzene	12.749	156	20093	22.462	ug/l	89
78) n-propylbenzene	12.804	91	95665	22.054	ug/l	100
79) 2-Chlorotoluene	12.889	91	54122	21.588	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	68728	21.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	3851	18.708	ug/l	97
82) 4-Chlorotoluene	12.987	91	56824	21.373	ug/l	98
83) tert-Butylbenzene	13.200	119	61247	21.698	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	67236	21.559	ug/l	99
85) sec-Butylbenzene	13.383	105	89180	21.954	ug/l	98
86) p-Isopropyltoluene	13.493	119	77333	22.083	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	39053	21.541	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	41336	22.690	ug/l	99
89) n-Butylbenzene	13.822	91	70872	22.539	ug/l	98
90) Hexachloroethane	14.090	117	14134	21.431	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	34640	21.749	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2259	20.022	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	24704	21.767	ug/l	92
94) Hexachlorobutadiene	15.230	225	14039	21.812	ug/l	95
95) Naphthalene	15.365	128	44827	21.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	22075	22.058	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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