

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020744.D
 Acq On : 02 Nov 2021 18:28
 Operator : SY/VA
 Sample : VW1102SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

Quant Time: Nov 03 02:35:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:55:07 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	33984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	52982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	50279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14011	53.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.120%			
35) Dibromofluoromethane	7.885	113	15534	46.133	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.260%			
50) Toluene-d8	10.323	98	54348	46.343	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.680%			
62) 4-Bromofluorobenzene	12.615	95	19382	46.905	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	1410	17.955	ug/l	87
3) Chloromethane	2.209	50	3878	19.348	ug/l	98
4) Vinyl Chloride	2.355	62	7500	19.351	ug/l	95
5) Bromomethane	2.745	94	6293	19.165	ug/l	85
6) Chloroethane	2.904	64	3153	18.877	ug/l	89
7) Trichlorofluoromethane	3.239	101	2178	16.944	ug/l	90
8) Diethyl Ether	3.678	74	2292	17.834	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	5970	19.549	ug/l	98
10) Methyl Iodide	4.275	142	7614	19.384	ug/l	97
11) Tert butyl alcohol	5.178	59	1315	100.027	ug/l #	77
12) 1,1-Dichloroethene	4.038	96	5463	19.168	ug/l	95
13) Acrolein	3.904	56	488m	102.555	ug/l	
14) Allyl chloride	4.666	41	4237	19.310	ug/l	97
15) Acrylonitrile	5.373	53	4696	95.528	ug/l #	89
16) Acetone	4.123	43	3788	79.356	ug/l	98
17) Carbon Disulfide	4.373	76	12903	17.980	ug/l	98
18) Methyl Acetate	4.666	43	2975	18.689	ug/l	98
19) Methyl tert-butyl Ether	5.434	73	6346	19.429	ug/l	96
20) Methylene Chloride	4.922	84	7528	20.083	ug/l	96
21) trans-1,2-Dichloroethene	5.422	96	5945	18.883	ug/l	91
22) Diisopropyl ether	6.312	45	10820	19.316	ug/l #	90
23) Vinyl Acetate	6.257	43	27566	89.080	ug/l	96
24) 1,1-Dichloroethane	6.214	63	9356	19.394	ug/l	97
25) 2-Butanone	7.165	43	5149	87.501	ug/l	98
26) 2,2-Dichloropropane	7.159	77	5283	18.277	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	6697	19.390	ug/l	95
28) Bromochloromethane	7.513	49	3586	18.603	ug/l	95
29) Tetrahydrofuran	7.525	42	3291	94.765	ug/l	95
30) Chloroform	7.677	83	11261	18.782	ug/l	93
31) Cyclohexane	7.958	56	7528	17.773	ug/l	92
32) 1,1,1-Trichloroethane	7.866	97	8900	18.644	ug/l	98
36) 1,1-Dichloropropene	8.080	75	7871	18.459	ug/l	100
37) Ethyl Acetate	7.244	43	2568	19.163	ug/l #	94
38) Carbon Tetrachloride	8.067	117	8559	18.747	ug/l	95
39) Methylcyclohexane	9.336	83	9187	17.859	ug/l	96
40) Benzene	8.324	78	24138	19.647	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1205	17.037	ug/l	94
42) 1,2-Dichloroethane	8.403	62	6788	19.344	ug/l	99
43) Isopropyl Acetate	8.421	43	4629	18.351	ug/l	98
44) Trichloroethene	9.092	130	7010	18.600	ug/l	79
45) 1,2-Dichloropropane	9.366	63	5114	19.241	ug/l	99
46) Dibromomethane	9.457	93	3605	19.228	ug/l	98
47) Bromodichloromethane	9.646	83	8624	19.665	ug/l	99
48) Methyl methacrylate	9.433	41	2141	18.668	ug/l	95
49) 1,4-Dioxane	9.445	88	928	360.485	ug/l	89
51) 4-Methyl-2-Pentanone	10.207	43	12784	86.368	ug/l	100
52) Toluene	10.390	92	15581	19.536	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	7465	18.529	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	8766	19.102	ug/l	93
55) 1,1,2-Trichloroethane	10.787	97	4905	19.005	ug/l	92
56) Ethyl methacrylate	10.646	69	4974	17.318	ug/l	97
57) 1,3-Dichloropropane	10.933	76	7905	19.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	13684	115.065	ug/l	100
59) 2-Hexanone	10.969	43	8827	85.786	ug/l	97
60) Dibromochloromethane	11.128	129	5956	18.521	ug/l	96
61) 1,2-Dibromoethane	11.232	107	5078	19.781	ug/l	97
64) Tetrachloroethene	10.866	164	5994	18.266	ug/l	94
65) Chlorobenzene	11.658	112	17415	18.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	6686	19.222	ug/l	94
67) Ethyl Benzene	11.731	91	28637	18.197	ug/l	95
68) m/p-Xylenes	11.835	106	23933	37.663	ug/l	99
69) o-Xylene	12.164	106	10850	18.287	ug/l	98
70) Styrene	12.183	104	18603	18.553	ug/l	97
71) Bromoform	12.347	173	3794	19.300	ug/l #	92
73) Isopropylbenzene	12.463	105	28230	18.216	ug/l	98
74) N-amyl acetate	12.274	43	4452	18.265	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	5840	19.977	ug/l	98
76) 1,2,3-Trichloropropane	12.762	75	3541m	17.376	ug/l	
77) Bromobenzene	12.743	156	7678	19.568	ug/l	98
78) n-propylbenzene	12.804	91	36500	19.520	ug/l	98
79) 2-Chlorotoluene	12.890	91	20915	19.738	ug/l	100
80) 1,3,5-Trimethylbenzene	12.939	105	25680	19.268	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	1529	18.108	ug/l	95
82) 4-Chlorotoluene	12.987	91	21822	19.693	ug/l	100
83) tert-Butylbenzene	13.201	119	22615	19.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	26334	20.140	ug/l	98
85) sec-Butylbenzene	13.384	105	34108	19.500	ug/l	99
86) p-Isopropyltoluene	13.493	119	29538	20.078	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	16860	20.566	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	15758	19.477	ug/l	97
89) n-Butylbenzene	13.823	91	25274	18.441	ug/l	98
90) Hexachloroethane	14.091	117	5497	19.003	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	14338	19.934	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	924	20.099	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	8661	19.079	ug/l	98
94) Hexachlorobutadiene	15.231	225	4851	19.678	ug/l	94
95) Naphthalene	15.365	128	15671	18.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	7656	19.306	ug/l	96

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

