

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020928.D
 Acq On : 18 Nov 2021 15:20
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 19 04:59:59 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	79285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	114698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	104048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	32645	44.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.900%		
35) Dibromofluoromethane	7.884	113	33716	46.864	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.720%		
50) Toluene-d8	10.323	98	123648	46.860	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.615	95	45740	46.481	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	605	4.196	ug/l #	41
3) Chloromethane	2.209	50	2398	5.254	ug/l	98
4) Vinyl Chloride	2.361	62	4147	5.160	ug/l	94
5) Bromomethane	2.763	94	3463	6.694	ug/l	92
6) Chloroethane	2.916	64	1822	5.882	ug/l	100
7) Trichlorofluoromethane	3.257	101	2175	6.525	ug/l	92
8) Diethyl Ether	3.678	74	1689	4.824	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.068	101	3877	5.638	ug/l	98
10) Methyl Iodide	4.269	142	5385	5.192	ug/l	100
11) Tert butyl alcohol	5.171	59	2597m	40.137	ug/l	
12) 1,1-Dichloroethene	4.037	96	3434	5.096	ug/l	95
13) Acrolein	3.903	56	348	31.094	ug/l #	76
14) Allyl chloride	4.672	41	4710	4.869	ug/l	96
15) Acrylonitrile	5.373	53	3406	22.487	ug/l	100
16) Acetone	4.129	43	3879	25.409	ug/l	99
17) Carbon Disulfide	4.385	76	9338	5.043	ug/l	99
18) Methyl Acetate	4.684	43	2476	4.648	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	5902	5.083	ug/l	97
20) Methylene Chloride	4.921	84	8570	10.050	ug/l	88
21) trans-1,2-Dichloroethene	5.421	96	3996	5.210	ug/l	87
22) Diisopropyl ether	6.311	45	9592	4.832	ug/l	92
23) Vinyl Acetate	6.257	43	25736	22.157	ug/l	99
24) 1,1-Dichloroethane	6.214	63	6439	5.099	ug/l	98
25) 2-Butanone	7.177	43	4901	22.604	ug/l	98
26) 2,2-Dichloropropane	7.159	77	5297	5.911	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	4509	5.262	ug/l	95
28) Bromochloromethane	7.512	49	2736	5.120	ug/l #	99
29) Tetrahydrofuran	7.537	42	2736	20.807	ug/l	99
30) Chloroform	7.677	83	7194	5.178	ug/l	89
31) Cyclohexane	7.951	56	7546	6.159	ug/l #	87
32) 1,1,1-Trichloroethane	7.872	97	5882	5.014	ug/l	96
36) 1,1-Dichloropropene	8.079	75	5609	5.444	ug/l	98
37) Ethyl Acetate	7.256	43	2133	4.538	ug/l #	85
38) Carbon Tetrachloride	8.067	117	5965	5.442	ug/l	92
39) Methylcyclohexane	9.335	83	7019	5.425	ug/l	95
40) Benzene	8.323	78	16128	5.490	ug/l	97

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41) Methacrylonitrile	7.482	41	1104	4.405	ug/l #	89
42) 1,2-Dichloroethane	8.403	62	4647	5.214	ug/l	98
43) Isopropyl Acetate	8.427	43	4131	4.479	ug/l #	91
44) Trichloroethene	9.091	130	4563	5.323	ug/l	88
45) 1,2-Dichloropropane	9.372	63	3397	5.021	ug/l	96
46) Dibromomethane	9.457	93	2033	4.743	ug/l	95
47) Bromodichloromethane	9.646	83	4891	4.822	ug/l	90
48) Methyl methacrylate	9.439	41	1743	4.248	ug/l	97
49) 1,4-Dioxane	9.457	88	579	93.735	ug/l	93
51) 4-Methyl-2-Pentanone	10.213	43	11009	23.442	ug/l	98
52) Toluene	10.390	92	10233	5.418	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	4423	4.392	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	5425	4.761	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	2957	5.145	ug/l	91
56) Ethyl methacrylate	10.652	69	3278	4.479	ug/l	99
57) 1,3-Dichloropropane	10.933	76	4703	4.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	8071	21.914	ug/l	100
59) 2-Hexanone	10.969	43	6674	20.429	ug/l	98
60) Dibromochloromethane	11.128	129	3238	4.469	ug/l	97
61) 1,2-Dibromoethane	11.231	107	2774	4.865	ug/l	98
64) Tetrachloroethene	10.859	164	4062	5.255	ug/l	87
65) Chlorobenzene	11.658	112	11091	5.302	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.731	131	3869	4.974	ug/l	98
67) Ethyl Benzene	11.731	91	19281	5.252	ug/l	98
68) m/p-Xylenes	11.841	106	15596	10.509	ug/l	98
69) o-Xylene	12.164	106	7434	5.342	ug/l	95
70) Styrene	12.176	104	11797	5.047	ug/l	96
71) Bromoform	12.347	173	1850	4.115	ug/l #	99
73) Isopropylbenzene	12.463	105	19571	5.277	ug/l	99
74) N-amyl acetate	12.268	43	3611	4.088	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	3158	4.881	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	1949m	3.997	ug/l	
77) Bromobenzene	12.743	156	4786	5.313	ug/l	92
78) n-propylbenzene	12.804	91	23464	5.372	ug/l	97
79) 2-Chlorotoluene	12.890	91	13116	5.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	16810	5.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	831	4.009	ug/l	88
82) 4-Chlorotoluene	12.987	91	13934	5.205	ug/l	96
83) tert-Butylbenzene	13.200	119	14911	5.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	16462	5.242	ug/l	100
85) sec-Butylbenzene	13.383	105	22389	5.474	ug/l	99
86) p-Isopropyltoluene	13.493	119	17891	5.074	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	9861	5.402	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	10388	5.663	ug/l	97
89) n-Butylbenzene	13.816	91	16859	5.325	ug/l	99
90) Hexachloroethane	14.091	117	3195	4.811	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	8540	5.325	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	495	4.357	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	6027	5.274	ug/l	99
94) Hexachlorobutadiene	15.231	225	3807	5.874	ug/l	94
95) Naphthalene	15.365	128	9871	4.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	5089	5.050	ug/l	92

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

