

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020919.D
 Acq On : 17 Nov 2021 22:36
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 18 05:31:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:29:41 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	76522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	114975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	106743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	58194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38026	53.647	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.885	113	37721	52.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.600%			
50) Toluene-d8	10.323	98	141072	53.335	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.615	95	51903	52.616	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	610	4.384	ug/l	89
3) Chloromethane	2.215	50	2381	5.405	ug/l	98
4) Vinyl Chloride	2.355	62	3779	4.872	ug/l	97
5) Bromomethane	2.770	94	3226m	6.461	ug/l	
6) Chloroethane	2.916	64	1496	5.004	ug/l	98
7) Trichlorofluoromethane	3.245	101	1595	4.958	ug/l	97
8) Diethyl Ether	3.678	74	1706	5.049	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	3402	5.126	ug/l	97
10) Methyl Iodide	4.269	142	4841	4.836	ug/l	97
11) Tert butyl alcohol	5.166	59	1584m	25.365	ug/l	
12) 1,1-Dichloroethene	4.044	96	3403	5.233	ug/l	85
13) Acrolein	3.891	56	200	18.516	ug/l #	65
14) Allyl chloride	4.660	41	4826	5.169	ug/l	97
15) Acrylonitrile	5.367	53	3848	26.322	ug/l	98
16) Acetone	4.123	43	4163	28.254	ug/l	95
17) Carbon Disulfide	4.385	76	8685	4.860	ug/l	97
18) Methyl Acetate	4.672	43	3086	6.002	ug/l	97
19) Methyl tert-butyl Ether	5.422	73	6036	5.386	ug/l	92
20) Methylene Chloride	4.916	84	5605	6.811	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	3854	5.206	ug/l	89
22) Diisopropyl ether	6.312	45	9892	5.164	ug/l	98
23) Vinyl Acetate	6.257	43	26243	23.409	ug/l	97
24) 1,1-Dichloroethane	6.214	63	6184	5.074	ug/l	98
25) 2-Butanone	7.171	43	5604	26.779	ug/l	100
26) 2,2-Dichloropropane	7.171	77	4577	5.292	ug/l	90
27) cis-1,2-Dichloroethene	7.165	96	4337	5.244	ug/l	96
28) Bromochloromethane	7.513	49	2910	5.642	ug/l #	98
29) Tetrahydrofuran	7.531	42	3355	26.436	ug/l	99
30) Chloroform	7.671	83	7032	5.244	ug/l	91
31) Cyclohexane	7.952	56	6832	5.778	ug/l #	86
32) 1,1,1-Trichloroethane	7.866	97	5680	5.017	ug/l	96
36) 1,1-Dichloropropene	8.080	75	4876	4.721	ug/l	96
37) Ethyl Acetate	7.251	43	2545	5.402	ug/l	96
38) Carbon Tetrachloride	8.061	117	5486	4.993	ug/l	93
39) Methylcyclohexane	9.336	83	6163	4.752	ug/l	96
40) Benzene	8.324	78	17144	5.821	ug/l	98

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41) Methacrylonitrile	7.482	41	999	3.977	ug/l #	71
42) 1,2-Dichloroethane	8.397	62	4868	5.449	ug/l	98
43) Isopropyl Acetate	8.421	43	4810	5.202	ug/l	98
44) Trichloroethene	9.092	130	4527	5.268	ug/l	87
45) 1,2-Dichloropropane	9.366	63	3435	5.065	ug/l	93
46) Dibromomethane	9.457	93	2292	5.334	ug/l	93
47) Bromodichloromethane	9.640	83	4928	4.847	ug/l	99
48) Methyl methacrylate	9.433	41	2113	5.137	ug/l	96
49) 1,4-Dioxane	9.451	88	642	103.683	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	12520	26.595	ug/l	99
52) Toluene	10.384	92	9873	5.215	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	4661	4.617	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	5377	4.707	ug/l	96
55) 1,1,2-Trichloroethane	10.787	97	2835	4.921	ug/l	90
56) Ethyl methacrylate	10.646	69	3783	5.157	ug/l	99
57) 1,3-Dichloropropane	10.933	76	4848	4.998	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.921	63	8922	24.166	ug/l	97
59) 2-Hexanone	10.969	43	8203	25.049	ug/l	97
60) Dibromochloromethane	11.122	129	3552	4.891	ug/l	98
61) 1,2-Dibromoethane	11.238	107	3006	5.259	ug/l	100
64) Tetrachloroethene	10.860	164	4300	5.422	ug/l #	84
65) Chlorobenzene	11.658	112	11164	5.202	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	3764	4.717	ug/l	96
67) Ethyl Benzene	11.731	91	18357	4.874	ug/l	99
68) m/p-Xylenes	11.841	106	14090	9.254	ug/l	96
69) o-Xylene	12.164	106	7116	4.984	ug/l	100
70) Styrene	12.177	104	11492	4.792	ug/l	99
71) Bromoform	12.347	173	2086	4.523	ug/l #	93
73) Isopropylbenzene	12.463	105	18571	4.670	ug/l	97
74) N-amyl acetate	12.268	43	4215	4.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	3357	4.839	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	2167m	4.145	ug/l	
77) Bromobenzene	12.743	156	4771	4.939	ug/l	94
78) n-propylbenzene	12.798	91	21815	4.658	ug/l	98
79) 2-Chlorotoluene	12.890	91	13216	4.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.939	105	15666	4.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	882	3.968	ug/l	88
82) 4-Chlorotoluene	12.987	91	14276	4.973	ug/l	98
83) tert-Butylbenzene	13.201	119	13636	4.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	15856	4.708	ug/l	99
85) sec-Butylbenzene	13.384	105	20393	4.649	ug/l	97
86) p-Isopropyltoluene	13.493	119	17186	4.545	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	9980	5.098	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	9377	4.767	ug/l	91
89) n-Butylbenzene	13.823	91	15413	4.539	ug/l	98
90) Hexachloroethane	14.091	117	3183	4.470	ug/l	85
91) 1,2-Dichlorobenzene	13.865	146	8546	4.969	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	568	4.662	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	5958	4.862	ug/l	98
94) Hexachlorobutadiene	15.231	225	3463	4.983	ug/l	94
95) Naphthalene	15.365	128	10760	4.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	5065	4.687	ug/l	94

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

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