

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019040.D
 Acq On : 19 May 2021 18:53
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 6:00:23 PM

Quant Time: May 20 03:47:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	368320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	629598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	568950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	274594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225176	59.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.88%	
35) Dibromofluoromethane	7.884	113	197418	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	10.323	98	794103	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
62) 4-Bromofluorobenzene	12.621	95	282073	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11892	4.80	ug/l	95
3) Chloromethane	2.209	50	14913	5.42	ug/l	98
4) Vinyl Chloride	2.361	62	20607	5.10	ug/l	97
5) Bromomethane	2.776	94	18324	5.41	ug/l	97
6) Chloroethane	2.928	64	13732	4.95	ug/l	99
7) Trichlorofluoromethane	3.251	101	9164	4.12	ug/l	86
8) Diethyl Ether	3.678	74	10565	5.46	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.074	101	18742	5.21	ug/l	99
10) Methyl Iodide	4.269	142	27149	5.14	ug/l	100
11) Tert butyl alcohol	5.190	59	9198	42.05	ug/l #	89
12) 1,1-Dichloroethene	4.050	96	18479	5.04	ug/l	84
13) Acrolein	3.897	56	6636	26.75	ug/l	99
14) Allyl chloride	4.665	41	23463	4.92	ug/l	95
15) Acrylonitrile	5.373	53	19642	27.08	ug/l	98
16) Acetone	4.129	43	18405	31.16	ug/l	96
17) Carbon Disulfide	4.391	76	47174	4.71	ug/l	97
18) Methyl Acetate	4.678	43	10147	5.84	ug/l	95
19) Methyl tert-butyl Ether	5.434	73	25021	5.43	ug/l	98
20) Methylene Chloride	4.915	84	58182	10.98	ug/l	93
21) trans-1,2-Dichloroethene	5.421	96	22719	5.42	ug/l	99
22) Diisopropyl ether	6.312	45	50705	5.22	ug/l #	94
23) Vinyl Acetate	6.257	43	157929	24.18	ug/l	97
24) 1,1-Dichloroethane	6.214	63	40866	5.44	ug/l	97
25) 2-Butanone	7.177	43	28356	29.23	ug/l	95
26) 2,2-Dichloropropane	7.165	77	23306	5.75	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	25519	5.49	ug/l	95
28) Bromochloromethane	7.519	49	16664	5.45	ug/l	100
29) Tetrahydrofuran	7.531	42	15317	27.00	ug/l	98
30) Chloroform	7.677	83	42346	5.54	ug/l	98
31) Cyclohexane	7.952	56	38615	6.14	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	28628	5.04	ug/l	97
36) 1,1-Dichloropropene	8.086	75	31658	5.05	ug/l	99
37) Ethyl Acetate	7.250	43	13865	5.72	ug/l	98
38) Carbon Tetrachloride	8.067	117	26943	4.88	ug/l	97
39) Methylcyclohexane	9.335	83	33443	4.82	ug/l	98
40) Benzene	8.323	78	93396	5.33	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	6642	5.01	ug/l	96
42) 1,2-Dichloroethane	8.397	62	28248	5.44	ug/l	97
43) Isopropyl Acetate	8.427	43	23495	5.19	ug/l	97
44) Trichloroethene	9.092	130	23118	5.12	ug/l	93
45) 1,2-Dichloropropane	9.372	63	22381	5.28	ug/l	100
46) Dibromomethane	9.457	93	12026	5.22	ug/l	98
47) Bromodichloromethane	9.646	83	29288	5.12	ug/l #	99
48) Methyl methacrylate	9.439	41	10248	4.93	ug/l	95
49) 1,4-Dioxane	9.457	88	2440	93.00	ug/l #	72
51) 4-Methyl-2-Pentanone	10.207	43	63047	26.90	ug/l	100
52) Toluene	10.390	92	58441	5.26	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	27375	4.86	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	32808	4.89	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	17101	5.38	ug/l	98
56) Ethyl methacrylate	10.646	69	18860	4.72	ug/l	99
57) 1,3-Dichloropropane	10.933	76	30247	5.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	50152	24.27	ug/l	100
59) 2-Hexanone	10.969	43	38879	24.96	ug/l	99
60) Dibromochloromethane	11.128	129	17507	4.92	ug/l	99
61) 1,2-Dibromoethane	11.238	107	15976	5.22	ug/l	100
64) Tetrachloroethene	10.860	164	20543	5.56	ug/l #	86
65) Chlorobenzene	11.658	112	60323	5.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	19493	4.93	ug/l	97
67) Ethyl Benzene	11.731	91	109424	5.11	ug/l	97
68) m/p-Xylenes	11.841	106	79200	9.85	ug/l	94
69) o-Xylene	12.164	106	38522	5.14	ug/l	98
70) Styrene	12.176	104	62785	4.93	ug/l	99
71) Bromoform	12.353	173	9346	4.71	ug/l #	97
73) Isopropylbenzene	12.463	105	101404	5.04	ug/l	100
74) N-amyl acetate	12.274	43	20212	4.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	19631	5.45	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	15677m	6.05	ug/l	
77) Bromobenzene	12.743	156	23988	5.41	ug/l	97
78) n-propylbenzene	12.804	91	126371	5.14	ug/l	100
79) 2-Chlorotoluene	12.890	91	74283	5.30	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	86600	5.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4882	4.59	ug/l	89
82) 4-Chlorotoluene	12.987	91	76635	5.15	ug/l	98
83) tert-Butylbenzene	13.207	119	71683	4.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	86315	5.09	ug/l	99
85) sec-Butylbenzene	13.383	105	108224	5.07	ug/l	100
86) p-Isopropyltoluene	13.499	119	92850	5.02	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	47254	5.21	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	48107	5.39	ug/l	95
89) n-Butylbenzene	13.822	91	89275	4.91	ug/l	99
90) Hexachloroethane	14.091	117	14155	4.88	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	41989	5.24	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3098	5.39	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	28622	5.33	ug/l	95
94) Hexachlorobutadiene	15.231	225	15904	5.13	ug/l	96
95) Naphthalene	15.365	128	49750	5.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	24843	5.35	ug/l	99

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

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