

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050720\
 Data File : VW015418.D
 Acq On : 07 May 2020 14:14
 Operator : SY/VA
 Sample : L2182-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT2-2020DL

Quant Time: May 08 07:32:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	152543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118467	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.88	113	103134	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	424912	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.62	95	151172	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	2895	2.318	ug/l	86
3) Chloromethane	2.21	50	4362	2.790	ug/l	93
4) Vinyl Chloride	2.36	62	5729	2.419	ug/l	99
5) Bromomethane	2.78	94	4753	2.562	ug/l	89
6) Chloroethane	2.93	64	3920	2.402	ug/l	99
7) Trichlorofluoromethane	3.26	101	3945	2.271	ug/l	95
8) Diethyl Ether	3.68	74	2948	2.716	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	5464	2.714	ug/l	98
10) Methyl Iodide	4.27	142	7575	2.486	ug/l	97
11) Tert butyl alcohol	5.21	59	2578	18.825	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	5595	2.679	ug/l	96
13) Acrolein	3.90	56	2213	12.654	ug/l #	73
14) Allyl chloride	4.67	41	9142	2.499	ug/l	96
15) Acrylonitrile	5.38	53	6051	13.698	ug/l	97
16) Acetone	4.14	43	6532	17.706	ug/l	96
17) Carbon Disulfide	4.37	76	15533	2.426	ug/l	99
18) Methyl Acetate	4.68	43	3030	3.094	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	8959	2.670	ug/l	99
20) Methylene Chloride	4.92	84	7246	3.010	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	6275	2.647	ug/l	93
22) Diisopropyl ether	6.31	45	18234	2.550	ug/l	89
23) Vinyl Acetate	6.26	43	52079	11.983	ug/l	98
24) 1,1-Dichloroethane	6.22	63	10915	2.547	ug/l	98
25) 2-Butanone	7.18	43	8562	14.889	ug/l	100
26) 2,2-Dichloropropane	7.17	77	8909	3.136	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	6629	2.576	ug/l	90
28) Bromochloromethane	7.51	49	4380	2.542	ug/l #	98
29) Tetrahydrofuran	7.54	42	5088	13.445	ug/l	99
30) Chloroform	7.68	83	11154	2.619	ug/l	100
31) Cyclohexane	7.95	56	15988	3.674	ug/l #	73
32) 1,1,1-Trichloroethane	7.87	97	9247	2.584	ug/l	98
36) 1,1-Dichloropropene	8.08	75	9404	2.688	ug/l	98
37) Ethyl Acetate	7.26	43	3680	2.710	ug/l	99
38) Carbon Tetrachloride	8.07	117	8437	2.579	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	11751	2.653	ug/l	95
40) Benzene	8.32	78	24686	2.587	ug/l	96
41) Methacrylonitrile	7.49	41	2428	2.830	ug/l	90
42) 1,2-Dichloroethane	8.40	62	8080	2.780	ug/l	99
43) Isopropyl Acetate	8.43	43	7761	2.718	ug/l	98
44) Trichloroethene	9.09	130	6499	2.627	ug/l	99
45) 1,2-Dichloropropane	9.37	63	6295	2.670	ug/l	95
46) Dibromomethane	9.46	93	3099	2.643	ug/l	96
47) Bromodichloromethane	9.65	83	8291	2.594	ug/l #	95
48) Methyl methacrylate	9.44	41	3551	2.692	ug/l	93
49) 1,4-Dioxane	9.46	88	873	59.162	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	22028	16.461	ug/l	98
52) Toluene	10.39	92	15733	2.537	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	7884	2.417	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	9376	2.441	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	4244	2.560	ug/l	98
56) Ethyl methacrylate	10.65	69	5577	2.448	ug/l #	86
57) 1,3-Dichloropropane	10.93	76	7789	2.613	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	14802	13.355	ug/l	97
59) 2-Hexanone	10.97	43	11352	12.537	ug/l	98
60) Dibromochloromethane	11.13	129	4878	2.446	ug/l	98
61) 1,2-Dibromoethane	11.23	107	4003	2.550	ug/l	99
64) Tetrachloroethene	10.86	164	5563	2.846	ug/l	93
65) Chlorobenzene	11.66	112	16662	2.643	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	5629	2.518	ug/l	99
67) Ethyl Benzene	11.73	91	31579	2.617	ug/l	98
68) m/p-Xylenes	11.84	106	23380	5.211	ug/l	97
69) o-Xylene	12.16	106	10946	2.596	ug/l	98
70) Styrene	12.18	104	17829	2.455	ug/l	99
71) Bromoform	12.35	173	2496	2.290	ug/l #	96
73) Isopropylbenzene	12.46	105	30068	2.640	ug/l	99
74) N-amyl acetate	12.27	43	6785	2.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	4887	2.743	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	3096m	2.467	ug/l	
77) Bromobenzene	12.74	156	6356	2.634	ug/l	95
78) n-propylbenzene	12.80	91	37602	2.752	ug/l	100
79) 2-Chlorotoluene	12.89	91	20974	2.723	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	25536	2.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	1513m	2.385	ug/l	
82) 4-Chlorotoluene	12.99	91	21933	2.687	ug/l	98
83) tert-Butylbenzene	13.20	119	22086	2.698	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	25445	2.651	ug/l	98
85) sec-Butylbenzene	13.38	105	31027	2.690	ug/l	100
86) p-Isopropyltoluene	13.50	119	28220	2.683	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	13118	2.729	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	13509	2.837	ug/l	86
89) n-Butylbenzene	13.82	91	27287	2.650	ug/l	99
90) Hexachloroethane	14.09	117	5192	2.679	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	11549	2.775	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	842	2.707	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	7586	2.712	ug/l	99
94) Hexachlorobutadiene	15.24	225	4529	2.732	ug/l	96
95) Naphthalene	15.36	128	12551	2.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	6748	2.807	ug/l	98

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

