

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015827.D
 Acq On : 09 Jul 2020 14:40
 Operator : SY/VA
 Sample : L3216-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2020DL

Quant Time: Jul 10 07:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 07:44:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	190398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	317542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141281	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98147	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
35) Dibromofluoromethane	7.89	113	86483	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	10.33	98	336363	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.62	95	121421	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	5007	4.993	ug/l	94
3) Chloromethane	2.22	50	7103	5.216	ug/l	100
4) Vinyl Chloride	2.37	62	9986	4.749	ug/l	96
5) Bromomethane	2.78	94	7765	4.826	ug/l	99
6) Chloroethane	2.93	64	6581	4.638	ug/l	88
7) Trichlorofluoromethane	3.26	101	6672	4.415	ug/l	100
8) Diethyl Ether	3.68	74	4476	4.754	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	8750	4.947	ug/l	94
10) Methyl Iodide	4.28	142	11465	4.636	ug/l	99
11) Tert butyl alcohol	5.18	59	5765	52.656	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	8081	4.646	ug/l	94
13) Acrolein	3.89	56	2681	19.712	ug/l	91
14) Allyl chloride	4.67	41	12632	4.469	ug/l	99
15) Acrylonitrile	5.37	53	8622	23.422	ug/l	99
16) Acetone	4.13	43	10513	28.657	ug/l	96
17) Carbon Disulfide	4.39	76	22411	4.332	ug/l	99
18) Methyl Acetate	4.68	43	4846	5.805	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	12124	4.658	ug/l #	89
20) Methylene Chloride	4.92	84	17604	8.263	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	9017	4.476	ug/l	97
22) Diisopropyl ether	6.32	45	24941	4.378	ug/l #	91
23) Vinyl Acetate	6.26	43	67828	20.019	ug/l	97
24) 1,1-Dichloroethane	6.22	63	16855	4.673	ug/l	97
25) 2-Butanone	7.18	43	14043	28.201	ug/l	92
26) 2,2-Dichloropropane	7.17	77	12810	5.662	ug/l	90
27) cis-1,2-Dichloroethene	7.17	96	9581	4.430	ug/l	84
28) Bromochloromethane	7.52	49	5912	4.135	ug/l	100
29) Tetrahydrofuran	7.54	42	7003	23.175	ug/l	98
30) Chloroform	7.68	83	17275	4.686	ug/l	96
31) Cyclohexane	7.96	56	18712	5.513	ug/l #	82
32) 1,1,1-Trichloroethane	7.88	97	14406	4.660	ug/l	99
36) 1,1-Dichloropropene	8.09	75	13697	4.376	ug/l	98
37) Ethyl Acetate	7.26	43	5886	4.839	ug/l	99
38) Carbon Tetrachloride	8.07	117	12695	4.191	ug/l	96

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39) Methylcyclohexane	9.34	83	15065	4.079	ug/l	97
40) Benzene	8.33	78	37394	4.361	ug/l	99
41) Methacrylonitrile	7.49	41	2619	3.793	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	12029	4.507	ug/l	98
43) Isopropyl Acetate	8.43	43	10103	4.255	ug/l	97
44) Trichloroethene	9.10	130	10185	4.491	ug/l	97
45) 1,2-Dichloropropane	9.37	63	9067	4.302	ug/l	94
46) Dibromomethane	9.46	93	4718	4.348	ug/l	98
47) Bromodichloromethane	9.65	83	11622	4.141	ug/l	99
48) Methyl methacrylate	9.44	41	4315	3.966	ug/l	96
49) 1,4-Dioxane	9.45	88	1151	85.800	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	23975	20.695	ug/l	98
52) Toluene	10.39	92	23905	4.332	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	9990	3.710	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	12246	3.802	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	6562	4.361	ug/l	94
56) Ethyl methacrylate	10.65	69	6881	3.720	ug/l	95
57) 1,3-Dichloropropane	10.94	76	11423	4.289	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	16954	18.758	ug/l	99
59) 2-Hexanone	10.97	43	15827	20.471	ug/l	97
60) Dibromochloromethane	11.13	129	6590	3.792	ug/l	98
61) 1,2-Dibromoethane	11.24	107	6100	4.237	ug/l	98
64) Tetrachloroethene	10.87	164	8263	4.520	ug/l	98
65) Chlorobenzene	11.66	112	25428	4.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	8226	4.115	ug/l	98
67) Ethyl Benzene	11.74	91	44160	4.221	ug/l	98
68) m/p-Xylenes	11.84	106	32499	8.270	ug/l	98
69) o-Xylene	12.17	106	14570	4.062	ug/l	100
70) Styrene	12.18	104	23506	3.808	ug/l	97
71) Bromoform	12.35	173	3461	3.793	ug/l #	100
73) Isopropylbenzene	12.47	105	40528	4.072	ug/l	97
74) N-amyl acetate	12.27	43	8218	3.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	7384	4.465	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6386m	5.143	ug/l	
77) Bromobenzene	12.75	156	9682	4.338	ug/l	96
78) n-propylbenzene	12.80	91	51086	4.229	ug/l	99
79) 2-Chlorotoluene	12.90	91	28989	4.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	34179	4.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	1599m	3.291	ug/l	
82) 4-Chlorotoluene	12.99	91	30660	4.262	ug/l	99
83) tert-Butylbenzene	13.21	119	28181	4.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	34860	4.115	ug/l	95
85) sec-Butylbenzene	13.38	105	42156	4.145	ug/l	99
86) p-Isopropyltoluene	13.50	119	36818	3.964	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	18755	4.192	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	19001	4.339	ug/l	89
89) n-Butylbenzene	13.83	91	36000	4.050	ug/l	96
90) Hexachloroethane	14.10	117	6646	3.948	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	16651	4.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1092	4.133	ug/l	87

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93) 1,2,4-Trichlorobenzene	15.13	180	9659	3.953	ug/l	99
94) Hexachlorobutadiene	15.24	225	6416	4.136	ug/l	96
95) Naphthalene	15.37	128	14615	3.578	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	8375	4.028	ug/l	98

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

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