

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101320\
 Data File : VW016885.D
 Acq On : 12 Oct 2020 16:37
 Operator : SY/VA
 Sample : L4214-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Quant Time: Oct 12 23:43:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	393867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	594995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	540753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	271848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	175250	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
35) Dibromofluoromethane	7.88	113	186267	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	10.32	98	702373	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	245327	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	6007	2.796	ug/l	96
3) Chloromethane	2.21	50	6547	2.779	ug/l	98
4) Vinyl Chloride	2.36	62	9027	2.650	ug/l	100
5) Bromomethane	2.78	94	7524	2.876	ug/l	96
6) Chloroethane	2.93	64	5630	2.597	ug/l	95
7) Trichlorofluoromethane	3.26	101	4948	1.995	ug/l	99
8) Diethyl Ether	3.68	74	4725	3.050	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9044	2.708	ug/l	96
10) Methyl Iodide	4.28	142	14154	2.651	ug/l	97
11) Tert butyl alcohol	5.17	59	4461	28.492	ug/l	99
12) 1,1-Dichloroethene	4.04	96	8823	2.677	ug/l	96
13) Acrolein	3.90	56	2936	13.871	ug/l	90
14) Allyl chloride	4.67	41	10599	2.686	ug/l	99
15) Acrylonitrile	5.37	53	7595	14.731	ug/l	97
16) Acetone	4.12	43	9544	18.394	ug/l	99
17) Carbon Disulfide	4.39	76	22927	2.614	ug/l	99
18) Methyl Acetate	4.67	43	4146	3.484	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	9885	2.783	ug/l #	76
20) Methylene Chloride	4.93	84	17309	4.210	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	10361	2.800	ug/l	96
22) Diisopropyl ether	6.31	45	19574	2.730	ug/l	94
23) Vinyl Acetate	6.26	43	61254	13.331	ug/l	100
24) 1,1-Dichloroethane	6.21	63	15741	2.768	ug/l	96
25) 2-Butanone	7.18	43	11932	17.249	ug/l	100
26) 2,2-Dichloropropane	7.17	77	12144	3.491	ug/l	85
27) cis-1,2-Dichloroethene	7.18	96	10780	2.720	ug/l	88
28) Bromochloromethane	7.51	49	6435	2.828	ug/l	100
29) Tetrahydrofuran	7.54	42	6297	16.252	ug/l	98
30) Chloroform	7.68	83	17782	2.877	ug/l	99
31) Cyclohexane	7.95	56	18980	3.913	ug/l #	63
32) 1,1,1-Trichloroethane	7.88	97	14207	2.725	ug/l	98
36) 1,1-Dichloropropene	8.09	75	13875	2.698	ug/l	100
37) Ethyl Acetate	7.26	43	5443	3.239	ug/l #	93
38) Carbon Tetrachloride	8.07	117	13801	2.581	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15775	2.689	ug/l	97
40) Benzene	8.33	78	38841	2.710	ug/l	100
41) Methacrylonitrile	7.49	41	3317	3.331	ug/l #	76
42) 1,2-Dichloroethane	8.40	62	11428	2.915	ug/l	100
43) Isopropyl Acetate	8.43	43	8967	2.785	ug/l	97
44) Trichloroethene	9.09	130	12072	2.721	ug/l	96
45) 1,2-Dichloropropane	9.37	63	8831	2.702	ug/l	99
46) Dibromomethane	9.46	93	5065	2.709	ug/l	97
47) Bromodichloromethane	9.65	83	12390	2.666	ug/l	94
48) Methyl methacrylate	9.44	41	4273	2.880	ug/l	96
49) 1,4-Dioxane	9.45	88	1125	52.319	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	24210	14.865	ug/l	99
52) Toluene	10.39	92	25388	2.680	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	10561	2.496	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	13239	2.561	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	7467	2.806	ug/l	94
56) Ethyl methacrylate	10.65	69	7479	2.584	ug/l	94
57) 1,3-Dichloropropane	10.93	76	12110	2.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	20672	12.887	ug/l	99
59) 2-Hexanone	10.98	43	14807	13.741	ug/l	97
60) Dibromochloromethane	11.13	129	8480	2.598	ug/l	100
61) 1,2-Dibromoethane	11.24	107	7333	2.783	ug/l	96
64) Tetrachloroethene	10.87	164	10483	2.721	ug/l	94
65) Chlorobenzene	11.66	112	28724	2.708	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	9828	2.620	ug/l	99
67) Ethyl Benzene	11.73	91	47789	2.586	ug/l	100
68) m/p-Xylenes	11.84	106	36139	5.027	ug/l	98
69) o-Xylene	12.16	106	17210	2.609	ug/l	99
70) Styrene	12.18	104	26416	2.406	ug/l	98
71) Bromoform	12.35	173	4788	2.543	ug/l #	96
73) Isopropylbenzene	12.46	105	46000	2.546	ug/l	99
74) N-amyl acetate	12.27	43	7459	2.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	8300	2.928	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	5948m	2.932	ug/l	
77) Bromobenzene	12.75	156	11871	2.658	ug/l	94
78) n-propylbenzene	12.80	91	54935	2.636	ug/l	98
79) 2-Chlorotoluene	12.90	91	31987	2.691	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	39037	2.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	1902m	2.520	ug/l	
82) 4-Chlorotoluene	12.99	91	33205	2.706	ug/l	99
83) tert-Butylbenzene	13.21	119	33838	2.573	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	39229	2.600	ug/l	98
85) sec-Butylbenzene	13.38	105	47527	2.596	ug/l	99
86) p-Isopropyltoluene	13.50	119	43530	2.554	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	24266	2.809	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	24864	2.921	ug/l	89
89) n-Butylbenzene	13.82	91	38655	2.517	ug/l	99
90) Hexachloroethane	14.09	117	6678	2.539	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	21096	2.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1287	2.964	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.13	180	13760	2.676	ug/l	96
94) Hexachlorobutadiene	15.24	225	9528	2.858	ug/l	95
95) Naphthalene	15.37	128	21590	2.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	13436	3.004	ug/l	91

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

