

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008605.D
 Acq On : 11 Feb 2019 18:41
 Operator : SY/VA
 Sample : K1457-06MSD
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:43:22 PM

Quant Time: Feb 12 05:26:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	416703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	670994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	631624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	344316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	265595	64.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.76%	
35) Dibromofluoromethane	7.88	113	230114	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
50) Toluene-d8	10.32	98	886995	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	363549	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	125775	52.086	ug/l	99
3) Chloromethane	2.21	50	201700	59.298	ug/l	99
4) Vinyl Chloride	2.37	62	273387	63.139	ug/l	100
5) Bromomethane	2.78	94	176787	63.300	ug/l	99
6) Chloroethane	2.93	64	176609	66.693	ug/l	97
7) Trichlorofluoromethane	3.25	101	191372	50.737	ug/l	94
8) Diethyl Ether	3.67	74	138018	66.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	210365	55.816	ug/l	98
10) Methyl Iodide	4.26	142	313771	52.708	ug/l	97
11) Tert butyl alcohol	5.17	59	118768	360.350	ug/l	99
12) 1,1-Dichloroethene	4.03	96	200583	52.589	ug/l	93
13) Acrolein	3.88	56	49277	170.805	ug/l	100
14) Allyl chloride	4.65	41	391353	54.034	ug/l	95
15) Acrylonitrile	5.36	53	311503	347.141	ug/l	100
16) Acetone	4.12	43	293426	319.183	ug/l	100
17) Carbon Disulfide	4.37	76	538459	44.202	ug/l	98
18) Methyl Acetate	4.67	43	285526	116.447	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	445502	70.595	ug/l	99
20) Methylene Chloride	4.90	84	236238	55.754	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	230071	53.654	ug/l	99
22) Diisopropyl ether	6.31	45	818069	59.597	ug/l	99
23) Vinyl Acetate	6.25	43	1097156	135.363	ug/l	100
24) 1,1-Dichloroethane	6.21	63	440329	56.671	ug/l	99
25) 2-Butanone	7.17	43	448494	351.237	ug/l	97
26) 2,2-Dichloropropane	7.16	77	288083	54.852	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	264341	56.564	ug/l	97
28) Bromochloromethane	7.51	49	212088	59.429	ug/l	96
29) Tetrahydrofuran	7.52	42	297200	367.290	ug/l	99
30) Chloroform	7.67	83	454838	59.515	ug/l	99
31) Cyclohexane	7.95	56	370627	46.131	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	377717	57.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	336294	53.058	ug/l	100
37) Ethyl Acetate	7.25	43	179350	63.957	ug/l	100
38) Carbon Tetrachloride	8.06	117	349895	54.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	380501	45.698	ug/l	97
40) Benzene	8.32	78	958350	54.489	ug/l	98
41) Methacrylonitrile	7.48	41	107179	64.549	ug/l	92
42) 1,2-Dichloroethane	8.40	62	321395	63.057	ug/l	98
43) Isopropyl Acetate	8.42	43	388482	66.682	ug/l	99
44) Trichloroethene	9.09	130	252423	52.778	ug/l	95
45) 1,2-Dichloropropane	9.37	63	247984	56.548	ug/l	100
46) Dibromomethane	9.46	93	138424	61.371	ug/l	98
47) Bromodichloromethane	9.64	83	343036	57.499	ug/l	100
48) Methyl methacrylate	9.43	41	203631	71.484	ug/l	94
49) 1,4-Dioxane	9.45	88	46133	1210.025	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1050605	365.026	ug/l	100
52) Toluene	10.38	92	662133	57.031	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	379451	59.773	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	406442	56.417	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	202401	64.694	ug/l	97
56) Ethyl methacrylate	10.65	69	252688	57.641	ug/l	96
57) 1,3-Dichloropropane	10.93	76	351773	62.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	752970	353.513	ug/l	100
59) 2-Hexanone	10.97	43	751254	369.735	ug/l	98
60) Dibromochloromethane	11.13	129	244260	60.754	ug/l	99
61) 1,2-Dibromoethane	11.23	107	195215	62.930	ug/l	98
64) Tetrachloroethene	10.86	164	237399	55.513	ug/l	98
65) Chlorobenzene	11.66	112	713100	55.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	270254	58.584	ug/l	98
67) Ethyl Benzene	11.73	91	1310063	55.275	ug/l	99
68) m/p-Xylenes	11.84	106	1009535	109.783	ug/l	98
69) o-Xylene	12.16	106	478799	54.799	ug/l	95
70) Styrene	12.18	104	813041	56.335	ug/l	98
71) Bromoform	12.35	173	162048	62.434	ug/l	99
73) Isopropylbenzene	12.46	105	1368131	53.298	ug/l	99
74) N-amyl acetate	12.27	43	336902	50.946	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	267323	65.779	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	192597m	64.337	ug/l	
77) Bromobenzene	12.75	156	301105	53.711	ug/l	95
78) n-propylbenzene	12.80	91	1612945	52.316	ug/l	100
79) 2-Chlorotoluene	12.90	91	932099	53.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1150322	53.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	90288	59.569	ug/l	90
82) 4-Chlorotoluene	12.99	91	1006494	54.338	ug/l	100
83) tert-Butylbenzene	13.21	119	991914	51.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1180176	54.117	ug/l	99
85) sec-Butylbenzene	13.38	105	1410709	51.737	ug/l	100
86) p-Isopropyltoluene	13.50	119	1234404	51.682	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	613759	54.211	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	609686	54.187	ug/l	100
89) n-Butylbenzene	13.83	91	1136812	48.476	ug/l	99
90) Hexachloroethane	14.10	117	234272	50.156	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	555153	55.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49482	64.171	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	315525	44.137	ug/l	100
94) Hexachlorobutadiene	15.24	225	158167	36.712	ug/l	100
95) Naphthalene	15.37	128	691508	55.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	262908	43.355	ug/l	98

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

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