

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007251.D
 Acq On : 05 Dec 2018 23:51
 Operator : SY/AP
 Sample : J6206-06MSD
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MSD

Manual Integrations
 APPROVED

apatel
 12/6/2018 12:56:10 PM

Quant Time: Dec 06 07:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	31467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	53576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19163	65.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.82%	
35) Dibromofluoromethane	7.89	113	17630	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
50) Toluene-d8	10.33	98	68713	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.62	95	25999	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	13383	38.873	ug/l	99
3) Chloromethane	2.21	50	16842	38.630	ug/l	98
4) Vinyl Chloride	2.36	62	11831	43.341	ug/l	99
5) Bromomethane	2.78	94	8852	64.713	ug/l	93
6) Chloroethane	2.93	64	7333	47.877	ug/l	99
7) Trichlorofluoromethane	3.27	101	25328	47.591	ug/l	98
8) Diethyl Ether	3.69	74	9138	61.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	14554	45.270	ug/l	96
10) Methyl Iodide	4.28	142	6979	25.483	ug/l	98
11) Tert butyl alcohol	5.17	59	5395	188.247	ug/l #	75
12) 1,1-Dichloroethene	4.05	96	13466	44.695	ug/l	95
13) Acrolein	3.90	56	3851	187.595	ug/l	98
14) Allyl chloride	4.68	41	23616	48.901	ug/l	99
15) Acrylonitrile	5.37	53	16302	262.865	ug/l	98
16) Acetone	4.14	43	13339	192.326	ug/l	96
17) Carbon Disulfide	4.38	76	43734	44.037	ug/l	98
18) Methyl Acetate	4.68	43	19307	121.955	ug/l	96
19) Methyl tert-butyl Ether	5.44	73	41728	58.825	ug/l	98
20) Methylene Chloride	4.92	84	21168	61.841	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	16546	49.183	ug/l	99
22) Diisopropyl ether	6.32	45	52432	60.479	ug/l	95
23) Vinyl Acetate	6.27	43	50859	107.514	ug/l	99
24) 1,1-Dichloroethane	6.23	63	29761	53.560	ug/l	98
25) 2-Butanone	7.18	43	19947	248.103	ug/l	100
26) 2,2-Dichloropropane	7.17	77	24136	45.200	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19127	53.037	ug/l	99
28) Bromochloromethane	7.52	49	12391	61.843	ug/l	99
29) Tetrahydrofuran	7.54	42	13578	273.296	ug/l	99
30) Chloroform	7.68	83	32845	56.876	ug/l	97
31) Cyclohexane	7.96	56	25070	43.121	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	27879	51.299	ug/l	99
36) 1,1-Dichloropropene	8.09	75	23455	44.993	ug/l	99
37) Ethyl Acetate	7.26	43	6463	34.274	ug/l	94
38) Carbon Tetrachloride	8.07	117	23143	43.495	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27794	39.828	ug/l	98
40) Benzene	8.33	78	71572	50.068	ug/l	100
41) Methacrylonitrile	7.49	41	5759	50.988	ug/l	96
42) 1,2-Dichloroethane	8.40	62	21827	54.635	ug/l	100
43) Isopropyl Acetate	8.43	43	16496	45.042	ug/l	98
44) Trichloroethene	9.10	130	19759	49.174	ug/l	91
45) 1,2-Dichloropropane	9.37	63	17339	52.124	ug/l	91
46) Dibromomethane	9.46	93	9574	55.387	ug/l	97
47) Bromodichloromethane	9.65	83	24441	53.754	ug/l	97
48) Methyl methacrylate	9.44	41	10711	56.350	ug/l #	89
49) 1,4-Dioxane	9.45	88	2532	838.521	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	47547	263.443	ug/l	98
52) Toluene	10.39	92	47189	47.456	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25086	54.877	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	28472	53.147	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	13335	54.235	ug/l	95
56) Ethyl methacrylate	10.65	69	12898	40.215	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22992	55.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	36199	280.996	ug/l	99
59) 2-Hexanone	10.97	43	31828	243.268	ug/l	98
60) Dibromochloromethane	11.13	129	16634	55.045	ug/l	99
61) 1,2-Dibromoethane	11.24	107	13430	56.949	ug/l	99
64) Tetrachloroethene	10.87	164	16550	47.575	ug/l	95
65) Chlorobenzene	11.66	112	53910	50.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	18168	55.320	ug/l	98
67) Ethyl Benzene	11.73	91	88560	45.693	ug/l	92
68) m/p-Xylenes	11.85	106	67590	88.894	ug/l	95
69) o-Xylene	12.17	106	32067	45.140	ug/l	90
70) Styrene	12.18	104	53815	46.278	ug/l	97
71) Bromoform	12.35	173	9432	57.371	ug/l #	98
73) Isopropylbenzene	12.47	105	87090	46.236	ug/l	98
74) N-amyl acetate	12.28	43	10343	30.971	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	14682	60.018	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	11980m	66.807	ug/l	
77) Bromobenzene	12.75	156	22433	55.175	ug/l	95
78) n-propylbenzene	12.81	91	96720	43.100	ug/l	100
79) 2-Chlorotoluene	12.90	91	62447	49.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	71197	44.184	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	4268	51.299	ug/l	94
82) 4-Chlorotoluene	12.99	91	64214	47.632	ug/l	97
83) tert-Butylbenzene	13.21	119	64785	46.006	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75713	46.030	ug/l	96
85) sec-Butylbenzene	13.39	105	84533	42.050	ug/l	99
86) p-Isopropyltoluene	13.51	119	78323	43.766	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40470	48.487	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	40008	47.454	ug/l	99
89) n-Butylbenzene	13.83	91	66595	39.822	ug/l	99
90) Hexachloroethane	14.10	117	13065	47.908	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	36849	50.998	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2451	51.721	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22373	44.680	ug/l	99
94) Hexachlorobutadiene	15.24	225	11689	43.288	ug/l	99
95) Naphthalene	15.38	128	40699	45.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	19453	46.071	ug/l	98

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

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