

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007198.D
 Acq On : 04 Dec 2018 19:54
 Operator : SY/AP
 Sample : J6206-06MSD
 Misc : 5.31G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:17 PM

Quant Time: Dec 05 06:23:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	17350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	11431	70.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.52%	
35) Dibromofluoromethane	7.89	113	9700	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
50) Toluene-d8	10.33	98	35597	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.62	95	14774	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	7559	39.821	ug/l	93
3) Chloromethane	2.21	50	10171	42.311	ug/l	98
4) Vinyl Chloride	2.36	62	6372	42.336	ug/l	100
5) Bromomethane	2.78	94	3828	50.755	ug/l	96
6) Chloroethane	2.93	64	3972	47.034	ug/l	92
7) Trichlorofluoromethane	3.26	101	14494	49.393	ug/l	100
8) Diethyl Ether	3.70	74	5971	73.000	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	8722	49.204	ug/l	99
10) Methyl Iodide	4.28	142	3588	23.761	ug/l	99
11) Tert butyl alcohol	5.17	59	4643	305.314	ug/l	96
12) 1,1-Dichloroethene	4.04	96	7954	47.881	ug/l	94
13) Acrolein	3.90	56	3208	283.425	ug/l	94
14) Allyl chloride	4.68	41	13470	50.586	ug/l	99
15) Acrylonitrile	5.38	53	13017	380.679	ug/l	99
16) Acetone	4.13	43	11703	306.033	ug/l	94
17) Carbon Disulfide	4.39	76	24827	45.339	ug/l	97
18) Methyl Acetate	4.68	43	10542	120.772	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	28882	73.844	ug/l	96
20) Methylene Chloride	4.92	84	12641	67.462	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	9232	49.771	ug/l	97
22) Diisopropyl ether	6.32	45	30472	63.748	ug/l	95
23) Vinyl Acetate	6.26	43	69818	267.682	ug/l	98
24) 1,1-Dichloroethane	6.22	63	16696	54.495	ug/l	96
25) 2-Butanone	7.18	43	16457	371.246	ug/l	98
26) 2,2-Dichloropropane	7.18	77	14478	49.174	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	10949	55.063	ug/l	99
28) Bromochloromethane	7.52	49	7465	67.573	ug/l #	100
29) Tetrahydrofuran	7.53	42	11222	409.660	ug/l	100
30) Chloroform	7.68	83	17710	55.620	ug/l	97
31) Cyclohexane	7.96	56	15155	47.277	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	15634	52.175	ug/l	100
36) 1,1-Dichloropropene	8.09	75	13234	44.629	ug/l	99
37) Ethyl Acetate	7.26	43	6348	59.180	ug/l #	94
38) Carbon Tetrachloride	8.07	117	12843	42.433	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16964	42.734	ug/l	98
40) Benzene	8.33	78	38297	47.098	ug/l	99
41) Methacrylonitrile	7.49	41	4620	71.908	ug/l	99
42) 1,2-Dichloroethane	8.41	62	13858	60.980	ug/l	99
43) Isopropyl Acetate	8.43	43	14176	68.046	ug/l	99
44) Trichloroethene	9.10	130	11034	48.275	ug/l	99
45) 1,2-Dichloropropane	9.37	63	10342	54.655	ug/l	99
46) Dibromomethane	9.46	93	6181	62.862	ug/l	97
47) Bromodichloromethane	9.65	83	13709	53.004	ug/l #	86
48) Methyl methacrylate	9.44	41	7435	68.763	ug/l	93
49) 1,4-Dioxane	9.45	88	2179	1268.586	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	37972	369.862	ug/l	99
52) Toluene	10.39	92	25721	45.473	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	16139	62.065	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	16876	55.378	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9355	66.887	ug/l	97
56) Ethyl methacrylate	10.65	69	10515	57.635	ug/l	95
57) 1,3-Dichloropropane	10.93	76	15492	65.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	17169	234.294	ug/l	100
59) 2-Hexanone	10.97	43	24385	327.650	ug/l	98
60) Dibromochloromethane	11.13	129	10872	63.247	ug/l	97
61) 1,2-Dibromoethane	11.24	107	9302	69.342	ug/l	100
64) Tetrachloroethene	10.87	164	9428	45.458	ug/l	94
65) Chlorobenzene	11.66	112	29214	46.080	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	10170	51.941	ug/l	98
67) Ethyl Benzene	11.73	91	49016	42.420	ug/l	99
68) m/p-Xylenes	11.85	106	38466	84.856	ug/l	96
69) o-Xylene	12.17	106	18146	42.845	ug/l	92
70) Styrene	12.18	104	30038	43.327	ug/l	98
71) Bromoform	12.35	173	6514	66.459	ug/l #	99
73) Isopropylbenzene	12.47	105	48511	42.113	ug/l	100
74) N-amyl acetate	12.28	43	10509	51.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10585	70.754	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	8067m	37.902	ug/l	
77) Bromobenzene	12.75	156	11981	48.185	ug/l	95
78) n-propylbenzene	12.81	91	54780	39.916	ug/l	99
79) 2-Chlorotoluene	12.90	91	33078	42.682	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	40947	41.552	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	2879	56.584	ug/l	86
82) 4-Chlorotoluene	12.99	91	36136	43.830	ug/l	96
83) tert-Butylbenzene	13.21	119	37416	43.448	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	42048	41.800	ug/l	95
85) sec-Butylbenzene	13.39	105	48587	39.520	ug/l	99
86) p-Isopropyltoluene	13.51	119	43469	39.718	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	23215	45.481	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	23568	45.710	ug/l	100
89) n-Butylbenzene	13.83	91	40953	40.044	ug/l	97
90) Hexachloroethane	14.10	117	7100	42.572	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	21973	49.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1832	63.214	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	13516	44.137	ug/l	97
94) Hexachlorobutadiene	15.24	225	6511	39.428	ug/l	97
95) Naphthalene	15.38	128	28250	51.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	11773	45.593	ug/l	98

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

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