

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007250.D
 Acq On : 05 Dec 2018 23:26
 Operator : SY/AP
 Sample : J6206-04MS
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 12/6/2018 12:56:04 PM

Quant Time: Dec 06 07:13:22 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	7.95	168	94329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	154007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46439	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.89	113	44397	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.33	98	188867	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	66844	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46096	44.665	ug/l	100
3) Chloromethane	2.21	50	58747	44.950	ug/l	97
4) Vinyl Chloride	2.36	62	39539	48.318	ug/l	98
5) Bromomethane	2.76	94	24821	60.531	ug/l	89
6) Chloroethane	2.92	64	22975	50.039	ug/l	94
7) Trichlorofluoromethane	3.26	101	76304	47.828	ug/l	99
8) Diethyl Ether	3.69	74	23996	53.960	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45307	47.011	ug/l	99
10) Methyl Iodide	4.28	142	33567	40.886	ug/l	99
11) Tert butyl alcohol	5.17	59	15895	184.663	ug/l	98
12) 1,1-Dichloroethene	4.04	96	43496	48.159	ug/l	98
13) Acrolein	3.90	56	8780	142.676	ug/l	98
14) Allyl chloride	4.67	41	70495	48.694	ug/l	98
15) Acrylonitrile	5.37	53	47250	254.158	ug/l	99
16) Acetone	4.12	43	40139	193.060	ug/l	100
17) Carbon Disulfide	4.38	76	140774	47.285	ug/l	98
18) Methyl Acetate	4.68	43	72425	152.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	113620	53.432	ug/l	99
20) Methylene Chloride	4.92	84	71993	70.945	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	49756	49.338	ug/l	99
22) Diisopropyl ether	6.32	45	140392	54.021	ug/l	99
23) Vinyl Acetate	6.26	43	88463	62.383	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86796	52.108	ug/l	100
25) 2-Butanone	7.17	43	54325	225.406	ug/l	94
26) 2,2-Dichloropropane	7.17	77	74554	46.575	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55052	50.923	ug/l	99
28) Bromochloromethane	7.52	49	33776	56.235	ug/l	99
29) Tetrahydrofuran	7.53	42	37736	253.375	ug/l	99
30) Chloroform	7.68	83	91414	52.806	ug/l	99
31) Cyclohexane	7.96	56	79368	45.540	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	84975	52.160	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71572	47.762	ug/l	99
37) Ethyl Acetate	7.26	43	15600	28.780	ug/l	98
38) Carbon Tetrachloride	8.07	117	74055	48.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87234	43.486	ug/l	99
40) Benzene	8.33	78	212545	51.725	ug/l	99
41) Methacrylonitrile	7.48	41	16092	49.563	ug/l	100
42) 1,2-Dichloroethane	8.40	62	59474	51.788	ug/l	100
43) Isopropyl Acetate	8.43	43	34592	32.858	ug/l	92
44) Trichloroethene	9.09	130	56928	49.287	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48102	50.304	ug/l	100
46) Dibromomethane	9.46	93	25424	51.167	ug/l	95
47) Bromodichloromethane	9.65	83	66768	51.084	ug/l	96
48) Methyl methacrylate	9.44	41	33685	61.649	ug/l	97
49) 1,4-Dioxane	9.45	88	7993	920.852	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	137176	264.406	ug/l	99
52) Toluene	10.39	92	142344	49.799	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	63949	48.665	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	76896	49.933	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36526	51.680	ug/l	94
56) Ethyl methacrylate	10.65	69	27294	29.605	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59609	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97226	262.552	ug/l	99
59) 2-Hexanone	10.97	43	91168	242.408	ug/l	99
60) Dibromochloromethane	11.13	129	43511	50.090	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35982	53.079	ug/l	96
64) Tetrachloroethene	10.87	164	46782	46.333	ug/l	94
65) Chlorobenzene	11.66	112	150538	48.774	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	48931	51.333	ug/l	98
67) Ethyl Benzene	11.74	91	265096	47.126	ug/l	97
68) m/p-Xylenes	11.85	106	212158	96.137	ug/l	99
69) o-Xylene	12.17	106	98918	47.976	ug/l	89
70) Styrene	12.18	104	163690	48.499	ug/l	98
71) Bromoform	12.35	173	23841	49.964	ug/l #	95
73) Isopropylbenzene	12.47	105	264972	52.849	ug/l	98
74) N-amyl acetate	12.27	43	22111	24.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37782	58.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25473m	53.367	ug/l	
77) Bromobenzene	12.75	156	60894	56.267	ug/l	97
78) n-propylbenzene	12.81	91	299688	50.172	ug/l	98
79) 2-Chlorotoluene	12.90	91	180569	53.532	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	224623	52.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11608	52.417	ug/l	92
82) 4-Chlorotoluene	12.99	91	182964	50.987	ug/l	99
83) tert-Butylbenzene	13.21	119	190317	50.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	226941	51.834	ug/l	99
85) sec-Butylbenzene	13.39	105	253111	47.302	ug/l	98
86) p-Isopropyltoluene	13.51	119	224014	47.027	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112004	50.415	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118193	52.668	ug/l	95
89) n-Butylbenzene	13.83	91	204830	46.016	ug/l	99
90) Hexachloroethane	14.10	117	36799	50.695	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	100534	52.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6997	55.471	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	57643	43.248	ug/l	98
94) Hexachlorobutadiene	15.24	225	28487	39.634	ug/l	97
95) Naphthalene	15.38	128	117781	49.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	48052	42.755	ug/l	98

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

