

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003814.D
 Acq On : 01 Aug 2018 23:52
 Operator : JC/SP
 Sample : J4164-03MS
 Misc : 10.38G/5.0mL/MSVOA X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:51:01 PM

Quant Time: Aug 02 08:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	13107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	17285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	13776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	5494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5830	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	5536	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	8.72	98	21826	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	5743	36.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	6222	56.243	ug/l	98
3) Chloromethane	1.32	50	6827	49.092	ug/l	99
4) Vinyl Chloride	1.41	62	7598	50.794	ug/l	93
5) Bromomethane	1.65	94	3621	44.158	ug/l	99
6) Chloroethane	1.73	64	5468	55.279	ug/l	95
7) Trichlorofluoromethane	1.93	101	10888	55.509	ug/l	97
8) Diethyl Ether	2.19	74	3132	42.249	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7042	56.594	ug/l	98
10) Methyl Iodide	2.51	142	1894	13.240	ug/l	98
11) Tert butyl alcohol	3.04	59	3335	155.371	ug/l	100
12) 1,1-Dichloroethene	2.38	96	5657	48.287	ug/l	99
14) Allvl chloride	2.73	41	6563	31.602	ug/l	94
15) Acrylonitrile	3.15	53	8475	155.253	ug/l	100
16) Acetone	2.45	43	11750	232.056	ug/l	99
17) Carbon Disulfide	2.57	76	13791	36.180	ug/l	99
18) Methyl Acetate	2.78	43	8498	59.723	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	14093	44.194	ug/l	94
20) Methylene Chloride	2.86	84	6084	45.328	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	4814	37.502	ug/l	96
22) Diisopropyl ether	3.87	45	16706	44.562	ug/l	96
23) Vinyl Acetate	3.82	43	22955	84.897	ug/l	98
24) 1,1-Dichloroethane	3.71	63	10958	50.121	ug/l	97
25) 2-Butanone	4.68	43	12866	174.304	ug/l	97
26) 2,2-Dichloropropane	4.59	77	7258	42.151	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	5503	39.779	ug/l	97
28) Bromochloromethane	5.03	49	3807	38.819	ug/l #	94
29) Tetrahydrofuran	5.15	42	7658	162.798	ug/l	97
30) Chloroform	5.22	83	10482	48.654	ug/l	99
31) Cyclohexane	5.59	56	10368	49.093	ug/l #	88
32) 1,1,1-Trichloroethane	5.51	97	9812	52.992	ug/l	98
36) 1,1-Dichloropropene	5.81	75	8257	51.009	ug/l	98
37) Ethyl Acetate	4.85	43	4481	36.037	ug/l	96
38) Carbon Tetrachloride	5.79	117	8123	54.252	ug/l	99
39) Methylcyclohexane	7.47	83	9000	45.286	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	27541	59.371	ug/l	100
41) Methacrylonitrile	5.06	41	2719	38.794	ug/l	97
42) 1,2-Dichloroethane	6.20	62	6673	47.628	ug/l	97
43) Isopropyl Acetate	6.46	43	7712	38.926	ug/l	99
44) Trichloroethene	7.22	130	6355	48.024	ug/l	93
45) 1,2-Dichloropropane	7.52	63	6152	53.929	ug/l	98
46) Dibromomethane	7.67	93	2882	43.841	ug/l	96
47) Bromodichloromethane	7.90	83	6141	46.877	ug/l	98
48) Methyl methacrylate	7.77	41	4009	40.341	ug/l	96
49) 1,4-Dioxane	7.75	88	1308	652.126	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	24237	199.062	ug/l	96
52) Toluene	8.79	92	14227	49.167	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	4380	29.274	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	5535	33.188	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	4745	47.647	ug/l	97
56) Ethyl methacrylate	9.18	69	5273	38.547	ug/l	94
57) 1,3-Dichloropropane	9.37	76	7863	47.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	11889	168.490	ug/l	98
59) 2-Hexanone	9.50	43	15465	166.727	ug/l	95
60) Dibromochloromethane	9.59	129	4333	43.203	ug/l	96
61) 1,2-Dibromoethane	9.68	107	3956	38.907	ug/l	98
64) Tetrachloroethene	9.34	164	7421	68.533	ug/l	97
65) Chlorobenzene	10.14	112	13740	47.729	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	5043	53.719	ug/l	99
67) Ethyl Benzene	10.26	91	25388	52.230	ug/l	99
68) m/p-Xylenes	10.36	106	18728	98.491	ug/l	98
69) o-Xylene	10.70	106	9008	51.019	ug/l	99
70) Stvrene	10.71	104	10552	35.524	ug/l	96
71) Bromoform	10.86	173	2582	40.002	ug/l #	98
73) Isopropylbenzene	11.02	105	25237	73.376	ug/l	99
74) N-amyl acetate	6.46	43	7712	63.260	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	6033	67.470	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	4600m	60.744	ug/l	
77) Bromobenzene	11.26	156	5269	58.761	ug/l	98
78) n-propylbenzene	11.36	91	26418	63.401	ug/l	99
79) 2-Chlorotoluene	11.42	91	14970	63.280	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	18034	61.429	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	642	25.112	ug/l	88
82) 4-Chlorotoluene	11.51	91	15784	55.008	ug/l	97
83) tert-Butylbenzene	11.77	119	18733	64.515	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	17038	56.384	ug/l	99
85) sec-Butylbenzene	11.95	105	22714	61.145	ug/l	100
86) p-Isopropyltoluene	12.07	119	18353	54.357	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	8498	46.850	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7839	42.359	ug/l	97
89) n-Butylbenzene	12.39	91	14622	45.502	ug/l	99
90) Hexachloroethane	12.60	117	2172	43.323	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	7925	46.916	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	611	34.438	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	1976	14.746	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	1630	19.021	ug/l	97
95) Naphthalene	13.83	128	6072	21.205	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1365	11.222	ug/l	96

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

