

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005040.D
 Acq On : 05 Oct 2018 00:57
 Operator : JC/MD
 Sample : J5207-19MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:53 PM

Quant Time: Oct 05 05:15:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160631	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	129002	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	8.72	98	485710	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.14	95	180092	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156355	53.235	ug/l	97
3) Chloromethane	1.32	50	177047	49.685	ug/l	100
4) Vinyl Chloride	1.40	62	175658	52.559	ug/l	99
5) Bromomethane	1.64	94	129627	65.407	ug/l	97
6) Chloroethane	1.71	64	103762	57.310	ug/l	97
7) Trichlorofluoromethane	1.92	101	223880	54.110	ug/l	95
8) Diethyl Ether	2.19	74	94473	52.559	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123223	52.283	ug/l	99
10) Methyl Iodide	2.51	142	148348	47.038	ug/l	93
11) Tert butyl alcohol	3.08	59	231890	269.513	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121763	52.168	ug/l	98
13) Acrolein	2.29	56	41122	67.174	ug/l	91
14) Allyl chloride	2.73	41	272747	53.556	ug/l	96
15) Acrylonitrile	3.15	53	521658	275.416	ug/l	96
16) Acetone	2.45	43	461060	256.642	ug/l	93
17) Carbon Disulfide	2.57	76	332025	47.340	ug/l	100
18) Methyl Acetate	2.78	43	247950	54.475	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	467839	58.110	ug/l	97
20) Methylene Chloride	2.85	84	145512	55.806	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	130417	51.043	ug/l	83
22) Diisopropyl ether	3.87	45	474238	55.300	ug/l	96
23) Vinyl Acetate	3.82	43	1700046	216.571	ug/l	98
24) 1,1-Dichloroethane	3.70	63	268007	52.391	ug/l	100
25) 2-Butanone	4.71	43	695127	262.500	ug/l	97
26) 2,2-Dichloropropane	4.58	77	138776	38.958	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	145605	51.012	ug/l	97
28) Bromochloromethane	5.02	49	121620	50.487	ug/l	99
29) Tetrahydrofuran	5.16	42	455752	276.903	ug/l	98
30) Chloroform	5.21	83	250318	51.776	ug/l	99
31) Cyclohexane	5.57	56	210585	53.786	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	208725	52.864	ug/l	95
36) 1,1-Dichloropropene	5.80	75	178135	45.950	ug/l	94
37) Ethyl Acetate	4.86	43	207922	40.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	180535	44.302	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198225	50.075	ug/l #	85
40) Benzene	6.14	78	575267	47.399	ug/l	96
41) Methacrylonitrile	5.06	41	139593	48.914	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200002	46.615	ug/l	97
43) Isopropyl Acetate	6.46	43	334808	45.077	ug/l	96
44) Trichloroethene	7.21	130	146800	49.202	ug/l	99
45) 1,2-Dichloropropane	7.52	63	153590	51.604	ug/l	100
46) Dibromomethane	7.66	93	96178	51.418	ug/l	99
47) Bromodichloromethane	7.90	83	187183	53.449	ug/l	99
48) Methyl methacrylate	7.78	41	195369	57.952	ug/l	100
49) 1,4-Dioxane	7.76	88	82890	989.690	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1317749	281.773	ug/l	99
52) Toluene	8.79	92	345181	51.759	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202086	51.064	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	213079	51.404	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	146765	50.241	ug/l	95
56) Ethyl methacrylate	9.18	69	233246	49.250	ug/l	97
57) 1,3-Dichloropropane	9.37	76	247789	50.966	ug/l	98
59) 2-Hexanone	9.50	43	1039781	266.807	ug/l	96
60) Dibromochloromethane	9.59	129	153051	52.389	ug/l	98
61) 1,2-Dibromoethane	9.68	107	152651	48.794	ug/l	95
64) Tetrachloroethene	9.34	164	142098	45.813	ug/l	96
65) Chlorobenzene	10.14	112	389295	48.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	143976	50.678	ug/l	99
67) Ethyl Benzene	10.26	91	656457	51.166	ug/l	96
68) m/p-Xylenes	10.36	106	511538	102.031	ug/l	96
69) o-Xylene	10.70	106	250475	54.393	ug/l	98
70) Styrene	10.71	104	415664	48.337	ug/l	100
71) Bromoform	10.86	173	124698	51.269	ug/l	96
73) Isopropylbenzene	11.02	105	654281	55.049	ug/l	99
74) N-amyl acetate	10.90	43	274244	42.261	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	243199	50.267	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	220030m	52.061	ug/l	
77) Bromobenzene	11.26	156	179339	51.949	ug/l	99
78) n-propylbenzene	11.36	91	742906	54.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	456108	53.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	555067	50.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63857	41.558	ug/l	98
82) 4-Chlorotoluene	11.51	91	533345	53.307	ug/l	100
83) tert-Butylbenzene	11.77	119	555595	56.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	579826	51.620	ug/l	99
85) sec-Butylbenzene	11.94	105	644908	54.107	ug/l	100
86) p-Isopropyltoluene	12.07	119	579389	53.653	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	323981	50.259	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326992	49.139	ug/l	99
89) n-Butylbenzene	12.39	91	504743	51.466	ug/l	100
90) Hexachloroethane	12.60	117	93265	51.872	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	332626	49.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55352	52.106	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	242314	51.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	108505	44.279	ug/l	99
95) Naphthalene	13.83	128	809176	51.568	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252572	51.740	ug/l	99

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

