

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004784.D
 Acq On : 27 Sep 2018 19:44
 Operator : JC/MD
 Sample : J5048-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:08 PM

Quant Time: Sep 28 07:38:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169051	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.50	113	137950	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	8.71	98	521420	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	191126	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	192320	59.210	ug/l	97
3) Chloromethane	1.32	50	207580	52.676	ug/l	100
4) Vinyl Chloride	1.40	62	207800	56.223	ug/l	97
5) Bromomethane	1.64	94	73792	33.669	ug/l	100
6) Chloroethane	1.71	64	125736	63.030	ug/l	98
7) Trichlorofluoromethane	1.93	101	258079	56.403	ug/l	94
8) Diethyl Ether	2.19	74	103667	52.152	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141269	54.200	ug/l	99
10) Methyl Iodide	2.51	142	97087	27.836	ug/l	98
11) Tert butyl alcohol	3.07	59	229199	240.878	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139634	54.096	ug/l	95
13) Acrolein	2.29	56	156803	231.615	ug/l	96
14) Allyl chloride	2.73	41	308042	54.695	ug/l	96
15) Acrylonitrile	3.15	53	559549	267.133	ug/l	99
16) Acetone	2.45	43	485515	244.377	ug/l	96
17) Carbon Disulfide	2.57	76	426563	54.996	ug/l	100
18) Methyl Acetate	2.78	43	265473	52.740	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	502634	56.453	ug/l	96
20) Methylene Chloride	2.85	84	159543	55.320	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	148325	52.493	ug/l	95
22) Diisopropyl ether	3.87	45	529186	55.799	ug/l	89
23) Vinyl Acetate	3.82	43	2318932	267.124	ug/l	96
24) 1,1-Dichloroethane	3.70	63	283646	50.139	ug/l	98
25) 2-Butanone	4.70	43	746505	254.908	ug/l	93
26) 2,2-Dichloropropane	4.59	77	181618	46.103	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	173609	54.999	ug/l	96
28) Bromochloromethane	5.02	49	135159	50.734	ug/l	90
29) Tetrahydrofuran	5.15	42	494420	271.632	ug/l	91
30) Chloroform	5.21	83	272491	50.965	ug/l	99
31) Cyclohexane	5.57	56	253510	58.549	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	235264	53.880	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202305	48.953	ug/l	99
37) Ethyl Acetate	4.86	43	261845	47.732	ug/l	98
38) Carbon Tetrachloride	5.78	117	206088	47.440	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238802	56.590	ug/l	96
40) Benzene	6.14	78	625830	48.371	ug/l	99
41) Methacrylonitrile	5.06	41	153434	50.435	ug/l	95
42) 1,2-Dichloroethane	6.20	62	221496	48.428	ug/l	96
43) Isopropyl Acetate	6.46	43	399657	50.476	ug/l	96
44) Trichloroethene	7.21	130	171672	53.975	ug/l	96
45) 1,2-Dichloropropane	7.52	63	169157	53.315	ug/l	100
46) Dibromomethane	7.66	93	106767	53.545	ug/l	97
47) Bromodichloromethane	7.90	83	205720	55.104	ug/l	100
48) Methyl methacrylate	7.77	41	211892	58.961	ug/l	94
49) 1,4-Dioxane	7.76	88	81874	917.021	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1420902	285.014	ug/l	95
52) Toluene	8.79	92	387003	54.437	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	228207	54.094	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	239956	54.303	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	160231	51.454	ug/l	96
56) Ethyl methacrylate	9.18	69	255364	50.503	ug/l	94
57) 1,3-Dichloropropane	9.37	76	271406	52.366	ug/l	100
59) 2-Hexanone	9.50	43	1117930	269.095	ug/l	94
60) Dibromochloromethane	9.59	129	163776	52.588	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166678	49.978	ug/l	99
64) Tetrachloroethene	9.34	164	146959	43.720	ug/l	97
65) Chlorobenzene	10.14	112	427468	48.811	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	155074	50.368	ug/l	99
67) Ethyl Benzene	10.26	91	732302	52.669	ug/l	99
68) m/p-Xylenes	10.36	106	572932	105.449	ug/l	96
69) o-Xylene	10.70	106	273276	54.760	ug/l	95
70) Styrene	10.71	104	459633	49.277	ug/l	97
71) Bromoform	10.86	173	133770	50.750	ug/l	99
73) Isopropylbenzene	11.02	105	731560	56.396	ug/l	99
74) N-amyl acetate	10.90	43	356622	50.018	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	264995	50.185	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241181m	52.286	ug/l	
77) Bromobenzene	11.26	156	194627	51.656	ug/l	96
78) n-propylbenzene	11.36	91	833087	55.974	ug/l	99
79) 2-Chlorotoluene	11.42	91	503196	54.240	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	620248	52.178	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74733	44.419	ug/l	99
82) 4-Chlorotoluene	11.51	91	596021	54.582	ug/l	99
83) tert-Butylbenzene	11.77	119	613358	57.430	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	638267	52.065	ug/l	98
85) sec-Butylbenzene	11.94	105	727068	55.891	ug/l	98
86) p-Isopropyltoluene	12.07	119	651809	55.304	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	354867	50.440	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	359851	49.548	ug/l	99
89) n-Butylbenzene	12.39	91	574051	53.630	ug/l	97
90) Hexachloroethane	12.60	117	104471	53.238	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	360107	48.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60863	52.495	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	264511	51.286	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	122498	45.803	ug/l	97
95) Naphthalene	13.83	128	890140	51.971	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275594	51.727	ug/l	99

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

