

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006159.D
 Acq On : 22 Nov 2018 08:02
 Operator : JC/MD
 Sample : J6032-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-01MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:20 AM

Quant Time: Nov 22 23:18:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173187	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	5.50	113	142234	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	535026	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	197409	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100923	48.398	ug/l	99
3) Chloromethane	1.32	50	129262	49.070	ug/l	100
4) Vinyl Chloride	1.41	62	134953	50.366	ug/l	94
5) Bromomethane	1.64	94	94018	45.948	ug/l	98
6) Chloroethane	1.72	64	79683	61.994	ug/l	99
7) Trichlorofluoromethane	1.93	101	185961	53.053	ug/l	99
8) Diethyl Ether	2.19	74	77360	52.210	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102216	49.178	ug/l	99
10) Methyl Iodide	2.51	142	123988	47.580	ug/l	99
11) Tert butyl alcohol	3.06	59	157732	228.032	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101948	50.314	ug/l	98
13) Acrolein	2.29	56	103539	250.148	ug/l	99
14) Allyl chloride	2.73	41	214248	51.682	ug/l	99
15) Acrylonitrile	3.15	53	388316	254.164	ug/l	99
16) Acetone	2.45	43	353819	245.215	ug/l	99
17) Carbon Disulfide	2.57	76	313388	57.280	ug/l	98
18) Methyl Acetate	2.78	43	177121	47.868	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	379452	54.178	ug/l	99
20) Methylene Chloride	2.86	84	122598	56.179	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	113563	53.567	ug/l	94
22) Diisopropyl ether	3.87	45	440462	49.633	ug/l	94
23) Vinyl Acetate	3.82	43	1670976	226.961	ug/l	100
24) 1,1-Dichloroethane	3.70	63	221662	53.019	ug/l	99
25) 2-Butanone	4.70	43	648006	241.955	ug/l	98
26) 2,2-Dichloropropane	4.59	77	131993	38.305	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	150684	50.854	ug/l	98
28) Bromochloromethane	5.02	49	133940	54.968	ug/l	100
29) Tetrahydrofuran	5.15	42	424652	254.174	ug/l	100
30) Chloroform	5.21	83	257279	50.781	ug/l	98
31) Cyclohexane	5.57	56	217389	49.779	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	220546	53.911	ug/l	99
36) 1,1-Dichloropropene	5.80	75	189307	49.188	ug/l	99
37) Ethyl Acetate	4.85	43	214234	43.266	ug/l	99
38) Carbon Tetrachloride	5.78	117	193137	53.391	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205685	46.911	ug/l	98
40) Benzene	6.15	78	575802	50.782	ug/l	99
41) Methacrylonitrile	5.06	41	137850	50.519	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210773	49.721	ug/l	100
43) Isopropyl Acetate	6.46	43	343908	48.094	ug/l	99
44) Trichloroethene	7.21	130	153322	48.652	ug/l	100
45) 1,2-Dichloropropane	7.51	63	155108	51.690	ug/l	96
46) Dibromomethane	7.66	93	102906	50.075	ug/l	99
47) Bromodichloromethane	7.90	83	198289	52.170	ug/l	97
48) Methyl methacrylate	7.77	41	196950	54.307	ug/l	99
49) 1,4-Dioxane	7.75	88	69416	806.789	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1302760	254.130	ug/l	100
52) Toluene	8.79	92	363694	51.858	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201752	50.867	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	214431	48.906	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	152902	50.340	ug/l	98
56) Ethyl methacrylate	9.18	69	230412	48.788	ug/l	99
57) 1,3-Dichloropropane	9.37	76	254651	50.864	ug/l	100
59) 2-Hexanone	9.49	43	1016627	249.888	ug/l	99
60) Dibromochloromethane	9.59	129	161428	54.209	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162530	51.941	ug/l	100
64) Tetrachloroethene	9.34	164	138244	42.032	ug/l	97
65) Chlorobenzene	10.14	112	414672	50.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	148587	52.794	ug/l	99
67) Ethyl Benzene	10.25	91	704708	52.500	ug/l	99
68) m/p-Xylenes	10.36	106	547272	104.704	ug/l	99
69) o-Xylene	10.70	106	264569	52.991	ug/l	100
70) Stvrene	10.71	104	440658	54.131	ug/l	100
71) Bromoform	10.86	173	131349	52.137	ug/l	99
73) Isopropylbenzene	11.02	105	714366	54.816	ug/l	100
74) N-amyl acetate	10.90	43	298981	45.227	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	253090	51.533	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	228942m	51.629	ug/l	
77) Bromobenzene	11.26	156	194416	53.254	ug/l	98
78) n-propylbenzene	11.36	91	822808	54.214	ug/l	100
79) 2-Chlorotoluene	11.42	91	489070	53.265	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	602686	54.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61642	47.016	ug/l	97
82) 4-Chlorotoluene	11.51	91	579883	54.118	ug/l	100
83) tert-Butylbenzene	11.77	119	612881	57.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621130	55.419	ug/l	99
85) sec-Butylbenzene	11.94	105	722467	55.064	ug/l	100
86) p-Isopropyltoluene	12.07	119	636865	54.443	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345468	51.323	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	350098	50.171	ug/l	100
89) n-Butylbenzene	12.39	91	548057	51.746	ug/l	99
90) Hexachloroethane	12.60	117	106162	56.870	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	352687	51.249	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59675	52.364	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	254299	52.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	116484	49.301	ug/l	100
95) Naphthalene	13.83	128	817405	57.339	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265393	53.697	ug/l	99

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

