

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002290.D
 Acq On : 05 Jun 2018 05:25
 Operator : JC/MD
 Sample : J3269-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:10 PM

Quant Time: Jun 05 07:53:32 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177067	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	136191	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	527143	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	206354	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	133553	50.700	ug/l	99
3) Chloromethane	1.32	50	164107	54.638	ug/l	98
4) Vinyl Chloride	1.41	62	260025	78.324	ug/l	98
5) Bromomethane	1.64	94	99780	53.332	ug/l	100
6) Chloroethane	1.72	64	110293	51.358	ug/l	99
7) Trichlorofluoromethane	1.93	101	278545	55.067	ug/l	97
8) Diethyl Ether	2.19	74	100398	56.148	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150251	55.044	ug/l	100
10) Methyl Iodide	2.51	142	195385	50.890	ug/l	99
11) Tert butyl alcohol	3.07	59	171776	229.695	ug/l	98
12) 1,1-Dichloroethene	2.37	96	140637	52.134	ug/l	98
13) Acrolein	2.30	56	98911	275.921	ug/l	99
14) Allyl chloride	2.73	41	271024	46.295	ug/l	99
15) Acrylonitrile	3.15	53	416892	271.140	ug/l	100
16) Acetone	2.45	43	382451	245.026	ug/l	99
17) Carbon Disulfide	2.57	76	339636	47.769	ug/l	98
18) Methyl Acetate	2.78	43	187687	51.799	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	520773	55.710	ug/l	100
20) Methylene Chloride	2.86	84	157991	55.443	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	149977	50.416	ug/l	99
22) Diisopropyl ether	3.88	45	501324	51.298	ug/l	99
23) Vinyl Acetate	3.83	43	2019596	212.805	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281450	48.643	ug/l	99
25) 2-Butanone	4.71	43	541991	218.143	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149911	33.145	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	199478	61.659	ug/l	91
28) Bromochloromethane	5.03	49	134918	55.196	ug/l	100
29) Tetrahydrofuran	5.17	42	359730	224.565	ug/l	100
30) Chloroform	5.22	83	270786	48.499	ug/l	99
31) Cyclohexane	5.58	56	234365	51.223	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	237055	50.064	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196773	50.741	ug/l	100
37) Ethyl Acetate	4.87	43	209928	45.014	ug/l	100
38) Carbon Tetrachloride	5.79	117	207336	51.107	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232416	48.519	ug/l	99
40) Benzene	6.15	78	593199	49.889	ug/l	99
41) Methacrylonitrile	5.07	41	126419	47.353	ug/l	100
42) 1,2-Dichloroethane	6.20	62	232537	49.223	ug/l	99
43) Isopropyl Acetate	6.47	43	358109	45.208	ug/l	100
44) Trichloroethene	7.22	130	166670	50.505	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156838	48.859	ug/l	99
46) Dibromomethane	7.67	93	104939	48.224	ug/l	99
47) Bromodichloromethane	7.90	83	192887	49.010	ug/l	99
48) Methyl methacrylate	7.78	41	196021	49.265	ug/l	98
49) 1,4-Dioxane	7.76	88	63751	856.906	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1200431	243.350	ug/l	100
52) Toluene	8.79	92	385579	50.986	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	220787	46.780	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206484	46.372	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154786	49.764	ug/l	99
56) Ethyl methacrylate	9.19	69	240558	48.442	ug/l	99
57) 1,3-Dichloropropane	9.38	76	254624	48.796	ug/l	100
59) 2-Hexanone	9.50	43	919705	241.377	ug/l	99
60) Dibromochloromethane	9.59	129	157528	50.351	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163909	50.540	ug/l	100
64) Tetrachloroethene	9.34	164	178997	48.451	ug/l	99
65) Chlorobenzene	10.14	112	439521	49.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160332	49.677	ug/l	99
67) Ethyl Benzene	10.26	91	763784	51.202	ug/l	99
68) m/p-Xylenes	10.37	106	599650	103.413	ug/l	100
69) o-Xylene	10.70	106	292328	50.659	ug/l	99
70) Stvrene	10.72	104	488301	51.763	ug/l	100
71) Bromoform	10.86	173	119936	42.082	ug/l	100
73) Isopropylbenzene	11.02	105	792620	49.784	ug/l	100
74) N-amyl acetate	6.47	43	358109	41.743	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	231597	46.250	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227587m	45.318	ug/l	
77) Bromobenzene	11.26	156	215804	48.281	ug/l	98
78) n-propylbenzene	11.37	91	905993	51.197	ug/l	100
79) 2-Chlorotoluene	11.43	91	537307	48.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679253	49.741	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54715	38.191	ug/l	93
82) 4-Chlorotoluene	11.51	91	636044	49.316	ug/l	100
83) tert-Butylbenzene	11.77	119	661839	49.770	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	704855	50.142	ug/l	100
85) sec-Butylbenzene	11.95	105	812557	52.122	ug/l	100
86) p-Isopropyltoluene	12.07	119	741584	52.224	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392965	49.170	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399714	48.523	ug/l	99
89) n-Butylbenzene	12.39	91	631032	52.986	ug/l	100
90) Hexachloroethane	12.60	117	108670	47.941	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	402714	48.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51273	46.823	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	286772	49.460	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	147642	51.531	ug/l	100
95) Naphthalene	13.84	128	827142	49.652	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295726	50.012	ug/l	100

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

