

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010349.D
 Acq On : 19 Jun 2019 15:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 1:23:42 PM

Quant Time: Jun 20 03:40:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	325905	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	477920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232840	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142697	46.70	ug/l	0.00
Spiked Amount						
			Recovery	=	93.40%	
35) Dibromofluoromethane	5.49	113	142551	48.75	ug/l	-0.01
Spiked Amount						
			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	537705	48.07	ug/l	0.00
Spiked Amount						
			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.13	95	201589	49.91	ug/l	0.00
Spiked Amount						
			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	122132	53.903	ug/l	98
3) Chloromethane	1.32	50	134650	51.035	ug/l	100
4) Vinyl Chloride	1.41	62	144303	49.935	ug/l	99
5) Bromomethane	1.64	94	73591	52.272	ug/l	99
6) Chloroethane	1.71	64	87735	51.460	ug/l	96
7) Trichlorofluoromethane	1.93	101	238268	52.012	ug/l	100
8) Diethyl Ether	2.18	74	85650	52.136	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138012	49.714	ug/l	97
10) Methyl Iodide	2.51	142	194242	49.027	ug/l	99
11) Tert butyl alcohol	3.04	59	189850	237.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132947	47.063	ug/l	94
13) Acrolein	2.29	56	117050	220.676	ug/l	99
14) Allyl chloride	2.73	41	213017	53.115	ug/l	99
15) Acrylonitrile	3.14	53	395618	249.907	ug/l	99
16) Acetone	2.44	43	388371	253.603	ug/l	98
17) Carbon Disulfide	2.57	76	399915	52.768	ug/l	99
18) Methyl Acetate	2.77	43	151004	49.474	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	457040	51.429	ug/l	99
20) Methylene Chloride	2.85	84	161473	51.236	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	157076	51.701	ug/l	99
22) Diisopropyl ether	3.85	45	429130	51.178	ug/l	98
23) Vinyl Acetate	3.81	43	1929000	266.297	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251231	51.834	ug/l	99
25) 2-Butanone	4.67	43	562499	250.401	ug/l	99
26) 2,2-Dichloropropane	4.58	77	227495	54.031	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	180321	51.361	ug/l	99
28) Bromochloromethane	5.01	49	105843	45.674	ug/l	99
29) Tetrahydrofuran	5.12	42	338468	243.252	ug/l	99
30) Chloroform	5.20	83	266917	51.183	ug/l	98
31) Cyclohexane	5.57	56	238219	53.972	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	241632	52.474	ug/l	100
36) 1,1-Dichloropropene	5.79	75	203079	53.473	ug/l	99
37) Ethyl Acetate	4.82	43	205977	52.720	ug/l	99
38) Carbon Tetrachloride	5.78	117	220822	53.695	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277981	55.684	ug/l	99
40) Benzene	6.13	78	625186	52.839	ug/l	99
41) Methacrylonitrile	5.04	41	109062	50.875	ug/l	99
42) 1,2-Dichloroethane	6.18	62	194585	54.026	ug/l	99
43) Isopropyl Acetate	6.44	43	341022	52.756	ug/l	99
44) Trichloroethene	7.21	130	188809	53.329	ug/l	99
45) 1,2-Dichloropropane	7.51	63	154822	51.816	ug/l	98
46) Dibromomethane	7.65	93	111732	52.120	ug/l	99
47) Bromodichloromethane	7.89	83	211626	53.867	ug/l	99
48) Methyl methacrylate	7.76	41	162814	54.188	ug/l	99
49) 1,4-Dioxane	7.73	88	89563	1034.749	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1074315	259.860	ug/l	100
52) Toluene	8.78	92	409973	52.616	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	242965	55.161	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	264969	55.357	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	169312	52.688	ug/l	99
56) Ethyl methacrylate	9.18	69	259998	53.409	ug/l	99
57) 1,3-Dichloropropane	9.37	76	262153	52.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	685750	296.610	ug/l	100
59) 2-Hexanone	9.49	43	855885	263.044	ug/l	100
60) Dibromochloromethane	9.58	129	194886	54.164	ug/l	99
61) 1,2-Dibromoethane	9.67	107	182781	52.696	ug/l	100
64) Tetrachloroethene	9.33	164	178710	50.767	ug/l	97
65) Chlorobenzene	10.13	112	467124	52.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	175273	54.458	ug/l	99
67) Ethyl Benzene	10.25	91	802588	53.804	ug/l	99
68) m/p-Xylenes	10.35	106	630136	109.021	ug/l	100
69) o-Xylene	10.69	106	305352	53.721	ug/l	100
70) Styrene	10.71	104	531003	55.705	ug/l	99
71) Bromoform	10.85	173	158029	56.461	ug/l #	99
73) Isopropylbenzene	11.02	105	816070	51.703	ug/l	99
74) N-amyl acetate	10.90	43	319342	53.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	262049	50.132	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	224527m	52.918	ug/l	
77) Bromobenzene	11.25	156	225563	51.180	ug/l	99
78) n-propylbenzene	11.36	91	931238	53.683	ug/l	100
79) 2-Chlorotoluene	11.42	91	536602	51.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	691516	53.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96309	52.953	ug/l	100
82) 4-Chlorotoluene	11.51	91	628289	53.453	ug/l	99
83) tert-Butylbenzene	11.77	119	692328	53.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	700760	53.605	ug/l	99
85) sec-Butylbenzene	11.94	105	825984	53.867	ug/l	100
86) p-Isopropyltoluene	12.06	119	772413	54.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	407791	53.007	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	407186	51.990	ug/l	100
89) n-Butylbenzene	12.38	91	687999	57.084	ug/l	99
90) Hexachloroethane	12.59	117	137660	56.131	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	392963	51.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55463	49.213	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.65	180	291793	55.030	ug/l	98
94) Hexachlorobutadiene	13.78	225	140326	54.149	ug/l	100
95) Naphthalene	13.83	128	858164	52.666	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281907	53.473	ug/l	99

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

