

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002860.D
 Acq On : 25 Jun 2018 12:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:42 PM

Quant Time: Jun 25 13:32:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	346062	85.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.60%	
35) Dibromofluoromethane	5.51	113	277331	95.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.38%	
50) Toluene-d8	8.72	98	1022493	92.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.86%	
62) 4-Bromofluorobenzene	11.14	95	409120	97.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	233778	82.48	ug/l	100
3) Chloromethane	1.32	50	247620	73.44	ug/l	99
4) Vinyl Chloride	1.41	62	278327	79.55	ug/l	100
5) Bromomethane	1.64	94	130607	61.87	ug/l	98
6) Chloroethane	1.71	64	184608	80.06	ug/l	99
7) Trichlorofluoromethane	1.92	101	485676	85.44	ug/l	99
8) Diethyl Ether	2.19	74	176021	81.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	274167	86.29	ug/l	99
10) Methyl Iodide	2.51	142	311031	79.49	ug/l	100
11) Tert butyl alcohol	3.09	59	352938	420.81	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246370	82.59	ug/l	99
13) Acrolein	2.30	56	194610	457.58	ug/l	100
14) Allyl chloride	2.73	41	505312	85.31	ug/l	98
15) Acrylonitrile	3.15	53	764260	417.58	ug/l	100
16) Acetone	2.45	43	729630	407.63	ug/l	98
17) Carbon Disulfide	2.57	76	654957	92.57	ug/l	98
18) Methyl Acetate	2.78	43	436137	91.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	923295	82.50	ug/l	100
20) Methylene Chloride	2.85	84	278854	75.98	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	270963	83.73	ug/l	98
22) Diisopropyl ether	3.88	45	981300	91.57	ug/l	99
23) Vinyl Acetate	3.83	43	4150866	462.79	ug/l	98
24) 1,1-Dichloroethane	3.70	63	513539	88.29	ug/l	99
25) 2-Butanone	4.71	43	1123469	477.94	ug/l	97
26) 1,2-Dichloropropane	4.59	77	433019	103.61	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	311848	94.70	ug/l	96
28) Bromochloromethane	5.03	49	248522	91.24	ug/l	93
29) Tetrahydrofuran	5.17	42	724037	469.98	ug/l	98
30) Chloroform	5.22	83	544951	97.16	ug/l	98
31) Cyclohexane	5.57	56	454258	94.86	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	494360	105.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	395192	101.93	ug/l	100
37) Ethyl Acetate	4.87	43	437058	99.59	ug/l	100
38) Carbon Tetrachloride	5.79	117	447010	115.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	469553	103.59	ug/l	97
40) Benzene	6.15	78	1160292	99.80	ug/l	100
41) Methacrylonitrile	5.07	41	251176	101.37	ug/l	98
42) 1,2-Dichloroethane	6.20	62	457716	101.69	ug/l	100
43) Isopropyl Acetate	6.47	43	736530	101.30	ug/l	99
44) Trichloroethene	7.21	130	343458	102.35	ug/l	99
45) 1,2-Dichloropropane	7.52	63	306199	100.07	ug/l	99
46) Dibromomethane	7.67	93	212407	103.78	ug/l	97
47) Bromodichloromethane	7.90	83	421524	116.77	ug/l	97
48) Methyl methacrylate	7.78	41	390375	105.06	ug/l	98
49) 1,4-Dioxane	7.76	88	146928	2088.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2367950	507.23	ug/l	99
52) Toluene	8.79	92	760590	102.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	496184	116.82	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	473841	120.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	313469	104.61	ug/l	97
56) Ethyl methacrylate	9.19	69	480313	104.16	ug/l	97
57) 1,3-Dichloropropane	9.38	76	511373	100.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1184681	531.14	ug/l	98
59) 2-Hexanone	9.50	43	1832824	521.01	ug/l	98
60) Dibromochloromethane	9.59	129	358061	123.79	ug/l	99
61) 1,2-Dibromoethane	9.68	107	332810	107.24	ug/l	99
64) Tetrachloroethene	9.34	164	381945	96.44	ug/l	100
65) Chlorobenzene	10.14	112	881897	100.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	339303	113.58	ug/l	99
67) Ethyl Benzene	10.26	91	1520183	102.86	ug/l	100
68) m/p-Xylenes	10.37	106	1174841	206.08	ug/l	99
69) o-Xylene	10.70	106	578500	103.28	ug/l	99
70) Styrene	10.71	104	964381	104.69	ug/l	99
71) Bromoform	10.86	173	296043	131.87	ug/l	99
73) Isopropylbenzene	11.02	105	1583469	99.96	ug/l	100
74) N-amyl acetate	6.47	43	736530	93.58	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	471380	100.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	413408m	92.50	ug/l	
77) Bromobenzene	11.26	156	441784	100.10	ug/l	97
78) n-propylbenzene	11.37	91	1809293	99.59	ug/l	99
79) 2-Chlorotoluene	11.43	91	1064805	98.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1358629	101.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	148279	125.51	ug/l	96
82) 4-Chlorotoluene	11.51	91	1287308	100.58	ug/l	99
83) tert-Butylbenzene	11.77	119	1336497	103.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1391934	101.90	ug/l	98
85) sec-Butylbenzene	11.95	105	1610605	100.44	ug/l	99
86) p-Isopropyltoluene	12.07	119	1480470	102.03	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	813965	100.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	824452	100.12	ug/l	99
89) n-Butylbenzene	12.39	91	1293029	101.02	ug/l	99
90) Hexachloroethane	12.60	117	239490	119.59	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	816602	100.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	115446	117.82	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	616247	104.24	ug/l	100
94) Hexachlorobutadiene	13.79	225	307810	98.84	ug/l	99
95) Naphthalene	13.84	128	1689723	106.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	619682	104.36	ug/l	100

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

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