

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001718.D
 Acq On : 14 May 2018 19:10
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:09 AM

Quant Time: May 15 01:29:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	430731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	598393	130.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.94%	
35) Dibromofluoromethane	5.51	113	518871	137.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.10%	
50) Toluene-d8	8.72	98	1923621	138.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.72%	
62) 4-Bromofluorobenzene	11.15	95	683123	130.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	464040	111.88	ug/l	99
3) Chloromethane	1.32	50	513338	124.79	ug/l	99
4) Vinyl Chloride	1.40	62	544717	126.06	ug/l	100
5) Bromomethane	1.64	94	228309	90.86	ug/l	98
6) Chloroethane	1.70	64	303619	107.03	ug/l	100
7) Trichlorofluoromethane	1.92	101	767435	118.75	ug/l	99
8) Diethyl Ether	2.19	74	329171	129.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	458762	120.76	ug/l	99
10) Methyl Iodide	2.51	142	512723	100.53	ug/l	98
11) Tert butyl alcohol	3.10	59	603394	645.72	ug/l	98
12) 1,1-Dichloroethene	2.37	96	447486	127.67	ug/l	98
13) Acrolein	2.30	56	428212	1467.50	ug/l	100
14) Allyl chloride	2.73	41	862400	131.76	ug/l	98
15) Acrylonitrile	3.16	53	1454042	670.67	ug/l	100
16) Acetone	2.46	43	1195690	584.63	ug/l	100
17) Carbon Disulfide	2.56	76	1236608	138.78	ug/l	99
18) Methyl Acetate	2.78	43	750026	136.76	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1568392	128.50	ug/l	100
20) Methylene Chloride	2.85	84	505634	123.55	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	488432	124.60	ug/l	98
22) Diisopropyl ether	3.88	45	1675714	136.33	ug/l	99
23) Vinyl Acetate	3.83	43	5777456	582.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	881465	129.13	ug/l	100
25) 2-Butanone	4.72	43	2020512	676.07	ug/l	98
26) 2,2-Dichloropropane	4.59	77	727074	137.15	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	586457	138.96	ug/l	98
28) Bromochloromethane	5.03	49	391416	130.31	ug/l	98
29) Tetrahydrofuran	5.18	42	1317736	687.14	ug/l	99
30) Chloroform	5.23	83	932493	131.93	ug/l	99
31) Cyclohexane	5.57	56	815737	137.91	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	838356	135.90	ug/l	99
36) 1,1-Dichloropropene	5.80	75	706925	130.94	ug/l	100
37) Ethyl Acetate	4.88	43	785265	133.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	762298	133.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	880480	137.94	ug/l	99
40) Benzene	6.15	78	2107160	133.65	ug/l	100
41) Methacrylonitrile	5.07	41	451089	133.80	ug/l	99
42) 1,2-Dichloroethane	6.20	62	742423	123.75	ug/l	99
43) Isopropyl Acetate	6.48	43	1287808	142.67	ug/l	99
44) Trichloroethene	7.22	130	645496	133.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	534052	135.80	ug/l	98
46) Dibromomethane	7.67	93	364284	131.35	ug/l	98
47) Bromodichloromethane	7.90	83	729035	142.15	ug/l	98
48) Methyl methacrylate	7.79	41	682720	139.36	ug/l	98
49) 1,4-Dioxane	7.77	88	274992	2654.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	4098317	685.35	ug/l	98
52) Toluene	8.79	92	1366106	132.57	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	900650	154.63	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	844390	161.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	510451	124.03	ug/l	100
56) Ethyl methacrylate	9.19	69	875677	148.15	ug/l	99
57) 1,3-Dichloropropane	9.38	76	849528	125.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1823424	622.95	ug/l	99
59) 2-Hexanone	9.51	43	2892966	639.71	ug/l	98
60) Dibromochloromethane	9.59	129	594752	142.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	550059	127.71	ug/l	100
64) Tetrachloroethene	9.34	164	649043	126.54	ug/l	99
65) Chlorobenzene	10.15	112	1475933	136.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	562413	145.98	ug/l	99
67) Ethyl Benzene	10.26	91	2447671	138.36	ug/l	100
68) m/p-Xylenes	10.37	106	1938706	277.65	ug/l	99
69) o-Xylene	10.71	106	947553	139.99	ug/l	99
70) Styrene	10.72	104	1602739	145.47	ug/l	100
71) Bromoform	10.87	173	535093	169.82	ug/l	99
73) Isopropylbenzene	11.02	105	2494135	138.54	ug/l	100
74) N-amyl acetate	6.48	43	1287808	155.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	777302	146.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	731248m	138.35	ug/l	
77) Bromobenzene	11.26	156	732518	139.51	ug/l	100
78) n-propylbenzene	11.37	91	2791687	142.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	1668179	138.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2110107	141.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	266576	191.24	ug/l	93
82) 4-Chlorotoluene	11.52	91	1980029	142.42	ug/l	100
83) tert-Butylbenzene	11.78	119	2170527	146.29	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	2189287	142.32	ug/l	99
85) sec-Butylbenzene	11.95	105	2574778	143.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	2413570	147.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1351471	144.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1370005	143.25	ug/l	99
89) n-Butylbenzene	12.40	91	2079346	152.26	ug/l	99
90) Hexachloroethane	12.60	117	423389	169.88	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1342384	141.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	186728	160.62	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	1108138	157.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	579325	150.50	ug/l	100
95) Naphthalene	13.84	128	3022358	156.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	1096160	152.37	ug/l	100

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

