

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006953.D
 Acq On : 08 Jan 2019 13:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:25:14 AM

Quant Time: Jan 08 14:06:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:37:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	579920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	847182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	740490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	892620	146.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.24%	
35) Dibromofluoromethane	5.51	113	827927	153.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.54%	
50) Toluene-d8	8.71	98	2921558	146.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.84%	
62) 4-Bromofluorobenzene	11.14	95	1069419	155.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	751118	159.363	ug/l	98
3) Chloromethane	1.32	50	791010	141.301	ug/l	98
4) Vinyl Chloride	1.41	62	869986	145.086	ug/l	99
5) Bromomethane	1.64	94	859482	132.231	ug/l	98
6) Chloroethane	1.71	64	693449	170.285	ug/l	100
7) Trichlorofluoromethane	1.92	101	1440454	149.387	ug/l	99
8) Diethyl Ether	2.19	74	556338	144.187	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	848358	146.483	ug/l	100
10) Methyl Iodide	2.51	142	1264623	165.973	ug/l	100
11) Tert butyl alcohol	3.11	59	1070108	748.126	ug/l	98
12) 1,1-Dichloroethene	2.37	96	807628	151.837	ug/l	99
13) Acrolein	2.30	56	474056	717.983	ug/l	98
14) Allyl chloride	2.73	41	1417312	156.236	ug/l	99
15) Acrylonitrile	3.16	53	2355686	711.640	ug/l	100
16) Acetone	2.46	43	2020278	660.936	ug/l	100
17) Carbon Disulfide	2.56	76	2184919	161.206	ug/l	99
18) Methyl Acetate	2.78	43	1212495	137.854	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	2764689	149.337	ug/l	99
20) Methylene Chloride	2.85	84	847121	130.400	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	862124	144.215	ug/l	96
22) Diisopropyl ether	3.87	45	2494136	144.323	ug/l	95
23) Vinyl Acetate	3.83	43	10754051	741.109	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1408275	146.009	ug/l	99
25) 2-Butanone	4.71	43	2949453	676.787	ug/l	100
26) 2,2-Dichloropropane	4.58	77	1137734	154.928	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	940991	142.420	ug/l	98
28) Bromochloromethane	5.02	49	589062	138.177	ug/l	97
29) Tetrahydrofuran	5.16	42	1962195	695.798	ug/l	97
30) Chloroform	5.22	83	1469224	145.391	ug/l	99
31) Cyclohexane	5.57	56	1262997	147.344	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	1328245	157.098	ug/l	99
36) 1,1-Dichloropropene	5.80	75	1109278	150.725	ug/l	99
37) Ethyl Acetate	4.86	43	1155655	145.640	ug/l	98
38) Carbon Tetrachloride	5.78	117	1192388	163.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1383611	146.831	ug/l	97
40) Benzene	6.14	78	3291080	145.744	ug/l	99
41) Methacrylonitrile	5.07	41	628726	136.072	ug/l	98
42) 1,2-Dichloroethane	6.20	62	1101828	140.351	ug/l	99
43) Isopropyl Acetate	6.46	43	1869998	150.158	ug/l	98
44) Trichloroethene	7.21	130	975802	143.911	ug/l	98
45) 1,2-Dichloropropane	7.52	63	826525	145.561	ug/l	98
46) Dibromomethane	7.66	93	593913	149.477	ug/l	96
47) Bromodichloromethane	7.90	83	1102187	165.957	ug/l	98
48) Methyl methacrylate	7.78	41	928900	144.301	ug/l	97
49) 1,4-Dioxane	7.76	88	431002	2594.971	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	5869432	729.977	ug/l	100
52) Toluene	8.79	92	2063176	141.476	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1246076	169.937	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1351358	166.205	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	844530	145.303	ug/l	99
56) Ethyl methacrylate	9.18	69	1286178	152.862	ug/l	96
57) 1,3-Dichloropropane	9.37	76	1349807	141.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3250122	748.678	ug/l	99
59) 2-Hexanone	9.50	43	4669164	768.585	ug/l	99
60) Dibromochloromethane	9.59	129	955310	174.854	ug/l	99
61) 1,2-Dibromoethane	9.68	107	923640	144.167	ug/l	100
64) Tetrachloroethene	9.34	164	895190	137.731	ug/l	98
65) Chlorobenzene	10.14	112	2329360	143.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	877926	164.127	ug/l	99
67) Ethyl Benzene	10.25	91	3871359	144.275	ug/l	98
68) m/p-Xylenes	10.36	106	3104359	294.645	ug/l	99
69) o-Xylene	10.70	106	1512355	147.158	ug/l	98
70) Styrene	10.71	104	2501055	155.002	ug/l	99
71) Bromoform	10.86	173	806844	206.383	ug/l #	99
73) Isopropylbenzene	11.02	105	3966088	134.106	ug/l	99
74) N-amyl acetate	10.90	43	1801327	154.824	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1346514	145.218	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1190550m	141.202	ug/l	
77) Bromobenzene	11.26	156	1121095	138.217	ug/l	99
78) n-propylbenzene	11.36	91	4466062	138.196	ug/l	100
79) 2-Chlorotoluene	11.42	91	2623144	134.242	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3393432	137.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	444931	200.150	ug/l	93
82) 4-Chlorotoluene	11.51	91	3204355	143.040	ug/l	100
83) tert-Butylbenzene	11.77	119	3498757	143.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3463036	140.342	ug/l	100
85) sec-Butylbenzene	11.94	105	4069400	138.961	ug/l	100
86) p-Isopropyltoluene	12.07	119	3728879	143.002	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	2057610	140.748	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2070613	137.181	ug/l	99
89) n-Butylbenzene	12.39	91	3364531	153.067	ug/l	99
90) Hexachloroethane	12.60	117	651161	185.433	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	2051757	142.497	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	295952	164.939	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	1489338	152.446	ug/l	99
94) Hexachlorobutadiene	13.78	225	644560	147.930	ug/l	99
95) Naphthalene	13.83	128	4400634	147.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1448591	148.632	ug/l	99

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

