

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008184.D
 Acq On : 19 Mar 2019 11:58
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:28:16 AM

Quant Time: Mar 19 12:22:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	644834	141.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.56%	
35) Dibromofluoromethane	5.50	113	486493	142.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.18%	
50) Toluene-d8	8.72	98	1857598	141.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.40%	
62) 4-Bromofluorobenzene	11.14	95	666276	145.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	569127	145.862	ug/l	99
3) Chloromethane	1.32	50	659650	149.276	ug/l	98
4) Vinyl Chloride	1.41	62	653722	141.275	ug/l	100
5) Bromomethane	1.64	94	596741	150.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	804342	140.866	ug/l	97
8) Diethyl Ether	2.19	74	467095	143.992	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	587447	143.585	ug/l	91
10) Methyl Iodide	2.51	142	785856	145.020	ug/l	97
11) Tert butyl alcohol	3.07	59	763905	743.487	ug/l	100
12) 1,1-Dichloroethene	2.37	96	574541	148.138	ug/l	91
13) Acrolein	2.30	56	496610	712.703	ug/l	100
14) Allyl chloride	2.73	41	1287869	149.071	ug/l	95
15) Acrylonitrile	3.15	53	1934878	705.636	ug/l	99
16) Acetone	2.45	43	1800754	673.112	ug/l	98
17) Carbon Disulfide	2.57	76	1791100	148.012	ug/l	100
18) Methyl Acetate	2.78	43	937959	143.513	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	2076007	145.925	ug/l	97
20) Methylene Chloride	2.85	84	633877	143.042	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	600506	146.077	ug/l	93
22) Diisopropyl ether	3.86	45	2408590	142.008	ug/l	91
23) Vinyl Acetate	3.82	43	10582938	707.618	ug/l	98
24) 1,1-Dichloroethane	3.70	63	1245195	145.861	ug/l	98
25) 2-Butanone	4.68	43	2829067	688.821	ug/l	98
26) 2,2-Dichloropropane	4.59	77	959233	147.603	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	694777	147.163	ug/l	90
28) Bromochloromethane	5.02	49	483931	134.883	ug/l #	82
29) Tetrahydrofuran	5.13	42	1853726	700.499	ug/l	96
30) Chloroform	5.21	83	1143339	142.597	ug/l	99
31) Cyclohexane	5.58	56	1192961	143.019	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	993319	147.482	ug/l	97
36) 1,1-Dichloropropene	5.80	75	923199	149.179	ug/l	97
37) Ethyl Acetate	4.84	43	1089889	141.407	ug/l	98
38) Carbon Tetrachloride	5.79	117	842517	148.961	ug/l	100
39) Methylcyclohexane	7.46	83	1115709	145.787	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	2686290	144.840	ug/l	99
41) Methacrylonitrile	5.05	41	622894	144.296	ug/l	96
42) 1,2-Dichloroethane	6.20	62	966635	144.083	ug/l	95
43) Isopropyl Acetate	6.45	43	1801944	145.948	ug/l	97
44) Trichloroethene	7.21	130	648303	146.864	ug/l	90
45) 1,2-Dichloropropane	7.51	63	753520	147.736	ug/l	99
46) Dibromomethane	7.66	93	446975	145.200	ug/l #	87
47) Bromodichloromethane	7.90	83	903471	148.249	ug/l	99
48) Methyl methacrylate	7.77	41	935207	144.009	ug/l	93
49) 1,4-Dioxane	7.74	88	317255	2977.112	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	5519765	701.234	ug/l	99
52) Toluene	8.79	92	1590685	145.735	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1060875	150.821	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1152352	149.955	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	631408	140.389	ug/l	98
56) Ethyl methacrylate	9.18	69	1087751	144.348	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	1122958	141.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2556649	729.140	ug/l	94
59) 2-Hexanone	9.49	43	4276070	712.606	ug/l	97
60) Dibromochloromethane	9.59	129	659001	147.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	659714	141.160	ug/l	100
64) Tetrachloroethene	9.34	164	591934	143.408	ug/l	96
65) Chlorobenzene	10.14	112	1649200	145.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	597230	147.038	ug/l	99
67) Ethyl Benzene	10.25	91	3020827	146.433	ug/l	98
68) m/p-Xylenes	10.36	106	2268537	299.769	ug/l	95
69) o-Xylene	10.70	106	1096821	148.740	ug/l	95
70) Stvrene	10.71	104	1813813	150.290	ug/l	95
71) Bromoform	10.86	173	499333	157.664	ug/l #	100
73) Isopropylbenzene	11.02	105	2853395	135.728	ug/l	99
74) N-amyl acetate	10.90	43	1605819	143.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1012497	140.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	985885m	155.239	ug/l	
77) Bromobenzene	11.26	156	689618	139.810	ug/l	84
78) n-propylbenzene	11.36	91	3406323	136.646	ug/l	96
79) 2-Chlorotoluene	11.42	91	1981785	136.838	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	2472161	141.168	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	363139	150.669	ug/l	98
82) 4-Chlorotoluene	11.51	91	2409351	142.316	ug/l	95
83) tert-Butylbenzene	11.77	119	2393613	145.515	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	2486896	139.516	ug/l	98
85) sec-Butylbenzene	11.94	105	2903419	139.633	ug/l	97
86) p-Isopropyltoluene	12.07	119	2555136	141.750	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	1266305	143.545	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1278727	144.786	ug/l	98
89) n-Butylbenzene	12.39	91	2524892	147.312	ug/l	98
90) Hexachloroethane	12.60	117	459254	148.200	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	1282311	145.863	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	239125	145.881	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	886211	149.914	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	418479	144.925	ug/l	100
95) Naphthalene	13.83	128	2842992	145.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	871826	148.808	ug/l	99

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

