

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008183.D
 Acq On : 19 Mar 2019 11:33
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda

3/20/2019 10:28:11 AM

Quant Time: Mar 19 11:55:39 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	306710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	512303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	441277	93.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.90%	
35) Dibromofluoromethane	5.50	113	332757	94.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.46%	
50) Toluene-d8	8.72	98	1278513	94.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.46%	
62) 4-Bromofluorobenzene	11.13	95	449431	94.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	382309	95.217	ug/l	99
3) Chloromethane	1.33	50	423820	93.202	ug/l	99
4) Vinyl Chloride	1.41	62	443121	93.059	ug/l	99
5) Bromomethane	1.64	94	399193	97.552	ug/l	99
6) Chloroethane	1.71	64	263839	92.501	ug/l	100
7) Trichlorofluoromethane	1.92	101	549709	93.554	ug/l	99
8) Diethyl Ether	2.19	74	315283	94.450	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	393271	93.412	ug/l	90
10) Methyl Iodide	2.51	142	537706	96.427	ug/l	96
11) Tert butyl alcohol	3.06	59	497509	470.546	ug/l	100
12) 1,1-Dichloroethene	2.37	96	383558	96.105	ug/l	92
13) Acrolein	2.30	56	333566	465.202	ug/l	98
14) Allyl chloride	2.73	41	859047	96.629	ug/l	94
15) Acrylonitrile	3.15	53	1326429	470.087	ug/l	99
16) Acetone	2.45	43	1238861	450.010	ug/l	96
17) Carbon Disulfide	2.57	76	1211247	97.270	ug/l	100
18) Methyl Acetate	2.78	43	633701	94.223	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1394460	95.252	ug/l	98
20) Methylene Chloride	2.86	84	430601	94.428	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	407322	96.287	ug/l	93
22) Diisopropyl ether	3.86	45	1635733	93.719	ug/l	91
23) Vinyl Acetate	3.82	43	7246540	470.859	ug/l	98
24) 1,1-Dichloroethane	3.70	63	841984	95.846	ug/l	98
25) 2-Butanone	4.68	43	1954034	462.341	ug/l	97
26) 2,2-Dichloropropane	4.59	77	642741	96.111	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	466110	95.942	ug/l	90
28) Bromochloromethane	5.02	49	345517	93.586	ug/l #	82
29) Tetrahydrofuran	5.13	42	1267012	465.275	ug/l	96
30) Chloroform	5.21	83	775062	93.937	ug/l	99
31) Cyclohexane	5.58	56	804055	93.674	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	666169	96.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	616821	96.297	ug/l	97
37) Ethyl Acetate	4.84	43	740822	92.863	ug/l	98
38) Carbon Tetrachloride	5.79	117	560987	95.827	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	747520	94.369	ug/l	93
40) Benzene	6.15	78	1813231	94.456	ug/l	99
41) Methacrylonitrile	5.05	41	417152	93.363	ug/l	96
42) 1,2-Dichloroethane	6.20	62	649599	93.548	ug/l	95
43) Isopropyl Acetate	6.45	43	1211828	94.828	ug/l	97
44) Trichloroethene	7.21	130	437025	95.650	ug/l	90
45) 1,2-Dichloropropane	7.51	63	507854	96.199	ug/l	100
46) Dibromomethane	7.66	93	301062	94.489	ug/l #	86
47) Bromodichloromethane	7.90	83	605189	95.942	ug/l	99
48) Methyl methacrylate	7.77	41	631341	93.926	ug/l	93
49) 1,4-Dioxane	7.74	88	205879	1866.549	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	3733216	458.212	ug/l	98
52) Toluene	8.79	92	1075331	95.184	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	714137	98.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	767944	96.548	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	427323	91.795	ug/l	96
56) Ethyl methacrylate	9.18	69	731266	93.756	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	771226	93.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1738968	479.150	ug/l	93
59) 2-Hexanone	9.49	43	2861079	460.654	ug/l	97
60) Dibromochloromethane	9.59	129	441225	95.557	ug/l	99
61) 1,2-Dibromoethane	9.67	107	453504	93.752	ug/l	99
64) Tetrachloroethene	9.34	164	408667	94.951	ug/l	96
65) Chlorobenzene	10.14	112	1115612	94.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	401321	94.757	ug/l	98
67) Ethyl Benzene	10.25	91	2047137	95.168	ug/l	97
68) m/p-Xylenes	10.36	106	1518654	192.455	ug/l	94
69) o-Xylene	10.70	106	731892	95.185	ug/l	94
70) Styrene	10.71	104	1204142	95.685	ug/l	95
71) Bromoform	10.85	173	325858	98.674	ug/l #	100
73) Isopropylbenzene	11.02	105	1935987	93.206	ug/l	99
74) N-amyl acetate	10.90	43	1050020	95.048	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	661565	92.676	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	550846m	87.789	ug/l	
77) Bromobenzene	11.26	156	453946	93.146	ug/l	83
78) n-propylbenzene	11.36	91	2309066	93.752	ug/l	96
79) 2-Chlorotoluene	11.42	91	1328906	92.870	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1626160	93.984	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	232750	97.741	ug/l	97
82) 4-Chlorotoluene	11.51	91	1576859	94.271	ug/l	95
83) tert-Butylbenzene	11.77	119	1564641	96.272	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1639679	93.102	ug/l	97
85) sec-Butylbenzene	11.94	105	1924285	93.666	ug/l	96
86) p-Isopropyltoluene	12.06	119	1677414	94.185	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	830297	95.261	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	828707	94.969	ug/l	98
89) n-Butylbenzene	12.39	91	1628374	96.157	ug/l	97
90) Hexachloroethane	12.60	117	297188	97.065	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	832012	95.789	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	156276	96.494	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	566715	97.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	274109	96.078	ug/l	99
95) Naphthalene	13.83	128	1850089	96.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	558745	96.526	ug/l	99

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

