

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014450.D
 Acq On : 07 Jan 2020 15:31
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:03 AM

Quant Time: Jan 07 15:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	527924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	805859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	866903	145.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.06%	
35) Dibromofluoromethane	5.49	113	726281	148.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.96%	
50) Toluene-d8	8.71	98	2841925	149.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.84%	
62) 4-Bromofluorobenzene	11.14	95	1077956	155.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	977241	191.484	ug/l	99
3) Chloromethane	1.32	50	992767	153.549	ug/l	99
4) Vinyl Chloride	1.40	62	1152810	165.375	ug/l	99
5) Bromomethane	1.63	94	812038	169.151	ug/l	98
6) Chloroethane	1.70	64	595315	142.008	ug/l	99
7) Trichlorofluoromethane	1.92	101	1221701	145.602	ug/l	98
8) Diethyl Ether	2.18	74	532036	136.374	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	718451	142.186	ug/l	99
10) Methyl Iodide	2.50	142	979637	158.621	ug/l	99
11) Tert butyl alcohol	3.05	59	918053	701.033	ug/l	99
12) 1,1-Dichloroethene	2.36	96	742566	144.560	ug/l	99
13) Acrolein	2.28	56	734670	913.087	ug/l	99
14) Allyl chloride	2.72	41	1322312	144.745	ug/l	99
15) Acrylonitrile	3.14	53	2200664	725.076	ug/l	99
16) Acetone	2.44	43	2197911	585.075	ug/l	100
17) Carbon Disulfide	2.56	76	2118740	140.648	ug/l	99
18) Methyl Acetate	2.76	43	1321402	165.676	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2444649	145.411	ug/l	100
20) Methylene Chloride	2.85	84	810801	131.711	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	790891	140.223	ug/l	97
22) Diisopropyl ether	3.84	45	2584491	142.278	ug/l	99
23) Vinyl Acetate	3.81	43	9825892	671.391	ug/l	98
24) 1,1-Dichloroethane	3.69	63	1397259	138.195	ug/l	99
25) 2-Butanone	4.66	43	3237811	682.758	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1188745	150.259	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	899073	141.102	ug/l	100
28) Bromochloromethane	5.01	49	539709	154.215	ug/l	98
29) Tetrahydrofuran	5.12	42	1963071	726.306	ug/l	100
30) Chloroform	5.20	83	1362499	142.292	ug/l	97
31) Cyclohexane	5.57	56	1339755	147.753	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1197299	146.174	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1087776	145.859	ug/l	100
37) Ethyl Acetate	4.82	43	1202612	146.830	ug/l	100
38) Carbon Tetrachloride	5.78	117	1052352	154.632	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1412507	152.348	ug/l	98
40) Benzene	6.14	78	3227485	141.170	ug/l	99
41) Methacrylonitrile	5.03	41	667223	146.457	ug/l	99
42) 1,2-Dichloroethane	6.19	62	1093356	141.053	ug/l	100
43) Isopropyl Acetate	6.44	43	2028463	149.425	ug/l	100
44) Trichloroethene	7.21	130	926864	145.363	ug/l	99
45) 1,2-Dichloropropane	7.51	63	839207	143.255	ug/l	98
46) Dibromomethane	7.65	93	553323	142.372	ug/l	99
47) Bromodichloromethane	7.89	83	1113411	152.303	ug/l	99
48) Methyl methacrylate	7.76	41	1008018	151.736	ug/l	99
49) 1,4-Dioxane	7.73	88	372924	2739.648	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	6136853	722.237	ug/l	99
52) Toluene	8.78	92	2071761	143.094	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1323003	164.743	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1412024	157.847	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	834951	144.105	ug/l	100
56) Ethyl methacrylate	9.17	69	1417322	156.103	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1411638	145.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	2354111	702.114	ug/l	100
59) 2-Hexanone	9.49	43	4866446	716.093	ug/l	99
60) Dibromochloromethane	9.58	129	938340	162.525	ug/l	100
61) 1,2-Dibromoethane	9.67	107	890347	150.186	ug/l	99
64) Tetrachloroethene	9.33	164	1035724	152.467	ug/l	98
65) Chlorobenzene	10.14	112	2268007	142.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	851780	149.627	ug/l	99
67) Ethyl Benzene	10.25	91	3976348	145.397	ug/l	99
68) m/p-Xylenes	10.36	106	3093138	293.542	ug/l	98
69) o-Xylene	10.70	106	1499412	145.718	ug/l	99
70) Styrene	10.71	104	2639579	151.573	ug/l	99
71) Bromoform	10.86	173	775342	168.834	ug/l	99
73) Isopropylbenzene	11.01	105	3913299	138.661	ug/l	99
74) N-amyl acetate	10.89	43	1886220	143.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1292032	134.176	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	1241846m	146.583	ug/l	
77) Bromobenzene	11.25	156	1066861	137.214	ug/l	99
78) n-propylbenzene	11.35	91	4529987	143.110	ug/l	99
79) 2-Chlorotoluene	11.42	91	2654416	138.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	3386214	142.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	512837	165.884	ug/l	97
82) 4-Chlorotoluene	11.51	91	3183534	142.693	ug/l	99
83) tert-Butylbenzene	11.77	119	3232772	141.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3384489	142.619	ug/l	99
85) sec-Butylbenzene	11.94	105	3951952	144.681	ug/l	99
86) p-Isopropyltoluene	12.06	119	3701670	147.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1943964	142.511	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1947245	139.987	ug/l	100
89) n-Butylbenzene	12.39	91	3403903	158.674	ug/l	99
90) Hexachloroethane	12.59	117	694122	155.049	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1900027	138.921	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	300905	138.970	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1436062	158.427	ug/l	98
94) Hexachlorobutadiene	13.78	225	672990	154.646	ug/l	98
95) Naphthalene	13.83	128	4177486	157.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1401448	157.321	ug/l	99

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

