

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018462.D
 Acq On : 17 Sep 2020 11:52
 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
 9/18/2020 12:19:43 PM

Quant Time: Sep 17 12:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	555515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	914613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	888254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1188887	154.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.70%	
35) Dibromofluoromethane	5.46	113	946170	152.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.84%	
50) Toluene-d8	8.70	98	3471372	150.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.92%	
62) 4-Bromofluorobenzene	11.12	95	1437032	158.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	825842	127.279	ug/l	99
3) Chloromethane	1.31	50	959479	138.241	ug/l	98
4) Vinyl Chloride	1.39	62	985019	141.286	ug/l	99
5) Bromomethane	1.62	94	537849	151.678	ug/l	99
6) Chloroethane	1.70	64	555734	146.823	ug/l	100
7) Trichlorofluoromethane	1.91	101	1436760	148.742	ug/l	94
8) Diethyl Ether	2.17	74	497053	151.325	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	794079	151.357	ug/l	98
10) Methyl Iodide	2.49	142	1074663	209.778	ug/l	99
11) Tert butyl alcohol	3.03	59	1033208	701.230	ug/l	99
12) 1,1-Dichloroethene	2.36	96	809038	149.225	ug/l	91
13) Acrolein	2.28	56	681943	1021.924	ug/l	100
14) Allyl chloride	2.70	41	1561817	159.449	ug/l	100
15) Acrylonitrile	3.12	53	2514703	741.625	ug/l	99
16) Acetone	2.42	43	2149968	713.917	ug/l	98
17) Carbon Disulfide	2.55	76	2384192	145.088	ug/l	100
18) Methyl Acetate	2.75	43	1123763	154.466	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2894948	155.200	ug/l	100
20) Methylene Chloride	2.84	84	918423	135.506	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	905357	149.992	ug/l	98
22) Diisopropyl ether	3.82	45	2962728	153.867	ug/l	100
23) Vinyl Acetate	3.79	43	13314755	777.466	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1661408	151.909	ug/l	98
25) 2-Butanone	4.64	43	3621315	738.472	ug/l	98
26) 2,2-Dichloropropane	4.56	77	1497481	164.419	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1028587	148.034	ug/l	99
28) Bromochloromethane	4.98	49	803879	151.694	ug/l	100
29) Tetrahydrofuran	5.09	42	2310953	742.337	ug/l	100
30) Chloroform	5.18	83	1707979	150.728	ug/l	98
31) Cyclohexane	5.55	56	1471736	158.967	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1572669	150.469	ug/l	98
36) 1,1-Dichloropropene	5.77	75	1303676	153.719	ug/l	99
37) Ethyl Acetate	4.80	43	1421009	145.239	ug/l	100
38) Carbon Tetrachloride	5.75	117	1472367	153.811	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1522032	163.466	ug/l	96
40) Benzene	6.12	78	3703326	148.972	ug/l	99
41) Methacrylonitrile	5.01	41	803582	149.854	ug/l	97
42) 1,2-Dichloroethane	6.17	62	1437666	150.475	ug/l	100
43) Isopropyl Acetate	6.42	43	2422805	153.339	ug/l	100
44) Trichloroethene	7.19	130	1069302	151.815	ug/l	98
45) 1,2-Dichloropropane	7.49	63	1020914	152.895	ug/l	100
46) Dibromomethane	7.64	93	700021	148.371	ug/l	98
47) Bromodichloromethane	7.88	83	1445005	153.795	ug/l	99
48) Methyl methacrylate	7.75	41	1216698	154.764	ug/l	99
49) 1,4-Dioxane	7.72	88	370388	2690.613	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	7235503	745.967	ug/l	100
52) Toluene	8.77	92	2353813	149.884	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1698205	162.705	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	1724329	155.877	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	982881	147.031	ug/l	98
56) Ethyl methacrylate	9.16	69	1616301	162.349	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1675698	151.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4080740	882.385	ug/l	100
59) 2-Hexanone	9.48	43	5502938	746.918	ug/l	99
60) Dibromochloromethane	9.57	129	1239082	157.758	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1090774	150.381	ug/l	100
64) Tetrachloroethene	9.32	164	925664	141.114	ug/l	95
65) Chlorobenzene	10.12	112	2711219	152.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1072373	152.752	ug/l	100
67) Ethyl Benzene	10.24	91	4719920	155.619	ug/l	96
68) m/p-Xylenes	10.35	106	3576708	317.016	ug/l	98
69) o-Xylene	10.68	106	1737198	158.487	ug/l	100
70) Styrene	10.70	104	3039075	162.357	ug/l	99
71) Bromoform	10.84	173	923148	154.246	ug/l #	99
73) Isopropylbenzene	11.01	105	4683405	160.318	ug/l	100
74) N-amyl acetate	10.88	43	2190262	159.644	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1488179	144.735	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1336334m	136.107	ug/l	
77) Bromobenzene	11.24	156	1224703	151.160	ug/l	98
78) n-propylbenzene	11.35	91	5506623	164.805	ug/l	100
79) 2-Chlorotoluene	11.41	91	3256624	158.508	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	4049519	168.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	585909	160.255	ug/l	99
82) 4-Chlorotoluene	11.49	91	3885992	158.895	ug/l	100
83) tert-Butylbenzene	11.76	119	3994854	167.591	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	4070875	165.036	ug/l	96
85) sec-Butylbenzene	11.93	105	4637126	170.576	ug/l	99
86) p-Isopropyltoluene	12.05	119	4258579	170.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2192242	153.191	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	2154172	150.297	ug/l	98
89) n-Butylbenzene	12.37	91	3930891	171.375	ug/l	99
90) Hexachloroethane	12.58	117	834469	169.838	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	2046901	153.071	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	385662	149.754	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1533435	171.049	ug/l	96
94) Hexachlorobutadiene	13.77	225	620982	172.868	ug/l	98
95) Naphthalene	13.82	128	4871624	166.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1432600	161.129	ug/l	95

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

