

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015835.D
 Acq On : 22 Apr 2020 11:29
 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
 4/23/2020 11:58:12 AM

Quant Time: Apr 22 12:11:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	964764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1462492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1386890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	735040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	1132749	98.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.08%	
35) Dibromofluoromethane	5.47	113	857689	92.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.52%	
50) Toluene-d8	8.70	98	3433692	97.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.18%	
62) 4-Bromofluorobenzene	11.12	95	1424129	92.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	913187	117.083	ug/l	99
3) Chloromethane	1.31	50	884197	107.027	ug/l	97
4) Vinyl Chloride	1.39	62	972810	99.932	ug/l	99
5) Bromomethane	1.62	94	259968	66.269	ug/l	96
6) Chloroethane	1.70	64	552593	98.982	ug/l	100
7) Trichlorofluoromethane	1.91	101	1203930	98.064	ug/l	100
8) Diethyl Ether	2.17	74	478752	96.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	802483	96.496	ug/l	99
10) Methyl Iodide	2.49	142	1077636	112.960	ug/l	100
11) Tert butyl alcohol	3.03	59	1178957	542.701	ug/l	100
12) 1,1-Dichloroethene	2.36	96	835521	99.004	ug/l	96
13) Acrolein	2.28	56	651146	488.843	ug/l	99
14) Allyl chloride	2.71	41	1796228	99.392	ug/l	99
15) Acrylonitrile	3.12	53	2677586	521.212	ug/l	100
16) Acetone	2.42	43	2218127	447.607	ug/l	100
17) Carbon Disulfide	2.55	76	2347817	68.657	ug/l	100
18) Methyl Acetate	2.75	43	1582236	100.626	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2995683	100.951	ug/l	99
20) Methylene Chloride	2.83	84	932047	94.793	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	915721	96.815	ug/l	97
22) Diisopropyl ether	3.83	45	3176639	97.655	ug/l	90
23) Vinyl Acetate	3.79	43	13103867	481.831	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1688949	100.728	ug/l	100
25) 2-Butanone	4.64	43	3842199	512.843	ug/l	100
26) 2,2-Dichloropropane	4.56	77	1498458	99.457	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	1063275	100.455	ug/l	99
28) Bromochloromethane	4.98	49	834358	91.614	ug/l #	99
29) Tetrahydrofuran	5.09	42	2531358	508.729	ug/l	100
30) Chloroform	5.18	83	1668688	97.698	ug/l	97
31) Cyclohexane	5.55	56	1597526	97.989	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1516469	100.600	ug/l	100
36) 1,1-Dichloropropene	5.78	75	1303873	101.576	ug/l	100
37) Ethyl Acetate	4.80	43	1539564	99.733	ug/l	99
38) Carbon Tetrachloride	5.76	117	1318849	105.763	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1598453	96.658	ug/l	99
40) Benzene	6.12	78	3816657	97.092	ug/l	100
41) Methacrylonitrile	5.01	41	883520	121.215	ug/l	100
42) 1,2-Dichloroethane	6.17	62	1371967	97.091	ug/l	99
43) Isopropyl Acetate	6.42	43	2612894	100.850	ug/l	99
44) Trichloroethene	7.19	130	1346253	97.985	ug/l	98
45) 1,2-Dichloropropane	7.50	63	1017337	99.624	ug/l	99
46) Dibromomethane	7.64	93	700748	91.166	ug/l	98
47) Bromodichloromethane	7.88	83	1364580	104.924	ug/l	99
48) Methyl methacrylate	7.75	41	1314044	104.160	ug/l	100
49) 1,4-Dioxane	7.72	88	478098	1951.718	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	7558288	503.229	ug/l	99
52) Toluene	8.77	92	2443251	96.856	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1695061	104.616	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1764467	102.168	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	974970	100.274	ug/l	100
56) Ethyl methacrylate	9.16	69	1684116	103.331	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1697982	100.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	4173154	507.282	ug/l	99
59) 2-Hexanone	9.48	43	5850908	516.464	ug/l	99
60) Dibromochloromethane	9.57	129	1096487	115.291	ug/l	96
61) 1,2-Dibromoethane	9.65	107	1067440	98.331	ug/l	100
64) Tetrachloroethene	9.32	164	1710029	87.993	ug/l	92
65) Chlorobenzene	10.12	112	2733754	97.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1046366	101.852	ug/l	99
67) Ethyl Benzene	10.24	91	4700189	94.884	ug/l	97
68) m/p-Xylenes	10.34	106	3577754	193.241	ug/l	97
69) o-Xylene	10.68	106	1756914	96.672	ug/l	98
70) Styrene	10.70	104	3104027	99.356	ug/l	100
71) Bromoform	10.84	173	802830	135.778	ug/l #	99
73) Isopropylbenzene	11.00	105	4700601	100.041	ug/l	99
74) N-amyl acetate	10.89	43	2439041	101.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1037806	107.186	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1406934m	82.952	ug/l	
77) Bromobenzene	11.24	156	1270983	99.807	ug/l	97
78) n-propylbenzene	11.35	91	5324758	98.816	ug/l	99
79) 2-Chlorotoluene	11.41	91	3216237	100.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4025487	101.381	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	617555	113.947	ug/l	99
82) 4-Chlorotoluene	11.49	91	3831875	100.167	ug/l	99
83) tert-Butylbenzene	11.76	119	3561393	100.855	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4156035	100.659	ug/l	99
85) sec-Butylbenzene	11.93	105	4703088	100.822	ug/l	99
86) p-Isopropyltoluene	12.05	119	4390937	101.120	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2345229	100.045	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	2309011	98.842	ug/l	97
89) n-Butylbenzene	12.37	91	3922476	101.357	ug/l	98
90) Hexachloroethane	12.58	117	585770	153.029	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2257068	102.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	315313	113.388	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1783520	102.191	ug/l	99
94) Hexachlorobutadiene	13.77	225	805982	103.800	ug/l	97
95) Naphthalene	13.82	128	5127964	102.399	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1762783	104.448	ug/l	96

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

