

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015084.D
 Acq On : 04 Mar 2020 10:32
 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
 3/5/2020 12:32:39 PM

Quant Time: Mar 04 13:43:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	585998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	674728	150.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.16%	
35) Dibromofluoromethane	5.49	113	559779	151.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.84%	
50) Toluene-d8	8.71	98	2137516	152.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.00%	
62) 4-Bromofluorobenzene	11.14	95	813143	162.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	491899	148.725	ug/l	100
3) Chloromethane	1.31	50	675615	144.205	ug/l	100
4) Vinyl Chloride	1.40	62	680733	143.292	ug/l	98
5) Bromomethane	1.63	94	432496	148.082	ug/l	99
6) Chloroethane	1.70	64	403304	141.522	ug/l	98
7) Trichlorofluoromethane	1.92	101	813901	143.983	ug/l	98
8) Diethyl Ether	2.18	74	371667	143.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	502457	141.280	ug/l	98
10) Methyl Iodide	2.50	142	647364	161.114	ug/l	100
11) Tert butyl alcohol	3.06	59	623947	802.558	ug/l	100
12) 1,1-Dichloroethene	2.36	96	529129	144.159	ug/l	98
13) Acrolein	2.28	56	537290	735.391	ug/l	100
14) Allyl chloride	2.72	41	982640	153.538	ug/l	99
15) Acrylonitrile	3.14	53	1505999	777.828	ug/l	99
16) Acetone	2.44	43	1262993	695.973	ug/l	99
17) Carbon Disulfide	2.56	76	1562932	153.331	ug/l	100
18) Methyl Acetate	2.76	43	640802	144.412	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1780861	155.266	ug/l	100
20) Methylene Chloride	2.85	84	600802	141.467	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	588060	150.046	ug/l	98
22) Diisopropyl ether	3.84	45	1942201	152.320	ug/l	98
23) Vinyl Acetate	3.81	43	8402521	801.664	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1061989	150.066	ug/l	99
25) 2-Butanone	4.66	43	2061801	776.065	ug/l	100
26) 2,2-Dichloropropane	4.58	77	853218	151.874	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	671672	152.763	ug/l	100
28) Bromochloromethane	5.01	49	483406	150.009	ug/l	98
29) Tetrahydrofuran	5.11	42	1310556	765.259	ug/l	99
30) Chloroform	5.20	83	1015081	147.166	ug/l	99
31) Cyclohexane	5.57	56	966545	153.121	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	895529	156.625	ug/l	98
36) 1,1-Dichloropropene	5.79	75	810318	149.479	ug/l	100
37) Ethyl Acetate	4.82	43	820001	163.103	ug/l	100
38) Carbon Tetrachloride	5.78	117	780415	152.515	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	987919	156.084	ug/l	98
40) Benzene	6.14	78	2384923	148.294	ug/l	98
41) Methacrylonitrile	5.03	41	459934	164.959	ug/l	99
42) 1,2-Dichloroethane	6.18	62	821440	148.737	ug/l	99
43) Isopropyl Acetate	6.43	43	1401813	158.477	ug/l	100
44) Trichloroethene	7.21	130	664112	148.273	ug/l	97
45) 1,2-Dichloropropane	7.51	63	624293	149.974	ug/l	99
46) Dibromomethane	7.65	93	408454	150.582	ug/l	98
47) Bromodichloromethane	7.89	83	840447	156.688	ug/l	99
48) Methyl methacrylate	7.76	41	701027	155.703	ug/l	100
49) 1,4-Dioxane	7.73	88	293999	3027.355	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	4267422	816.015	ug/l	99
52) Toluene	8.78	92	1503348	152.890	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	955608	166.304	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1038766	160.949	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	603311	149.061	ug/l	98
56) Ethyl methacrylate	9.17	69	996066	172.562	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1023075	150.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	2518157	800.720	ug/l	99
59) 2-Hexanone	9.49	43	3253443	839.406	ug/l	98
60) Dibromochloromethane	9.58	129	678778	159.651	ug/l	100
61) 1,2-Dibromoethane	9.67	107	634709	149.300	ug/l	100
64) Tetrachloroethene	9.33	164	639860	141.897	ug/l	98
65) Chlorobenzene	10.14	112	1661225	151.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	618808	149.877	ug/l	100
67) Ethyl Benzene	10.25	91	2919194	157.002	ug/l	99
68) m/p-Xylenes	10.35	106	2281186	322.469	ug/l	98
69) o-Xylene	10.70	106	1095481	161.742	ug/l	99
70) Styrene	10.71	104	1922621	165.556	ug/l	99
71) Bromoform	10.85	173	549338	171.576	ug/l	98
73) Isopropylbenzene	11.01	105	2875486	150.044	ug/l	99
74) N-amyl acetate	10.89	43	1351281	167.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	951520	148.983	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	881409m	149.707	ug/l	
77) Bromobenzene	11.25	156	784377	146.864	ug/l	100
78) n-propylbenzene	11.35	91	3379068	154.334	ug/l	99
79) 2-Chlorotoluene	11.42	91	1960322	149.926	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2512245	157.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	352946	167.387	ug/l	96
82) 4-Chlorotoluene	11.51	91	2367980	153.291	ug/l	99
83) tert-Butylbenzene	11.76	119	2459699	159.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2510975	156.672	ug/l	99
85) sec-Butylbenzene	11.94	105	2908435	156.185	ug/l	100
86) p-Isopropyltoluene	12.06	119	2724874	158.824	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1428238	152.119	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1440611	151.999	ug/l	99
89) n-Butylbenzene	12.39	91	2555219	167.456	ug/l	99
90) Hexachloroethane	12.59	117	508190	156.679	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1431082	153.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	208989	163.411	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1055722	162.933	ug/l	99
94) Hexachlorobutadiene	13.77	225	503386	151.398	ug/l	98
95) Naphthalene	13.83	128	3031079	171.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1040603	160.964	ug/l	99

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

