

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015836.D
 Acq On : 22 Apr 2020 11:51
 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
 4/23/2020 11:58:17 AM

Quant Time: Apr 22 12:13:46 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	939589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1415239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1364874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	737975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	1621622	144.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.70%	
35) Dibromofluoromethane	5.47	113	1222533	136.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.26%	
50) Toluene-d8	8.70	98	4910309	144.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.42%	
62) 4-Bromofluorobenzene	11.12	95	2093505	140.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1346819	177.307	ug/l	99
3) Chloromethane	1.31	50	1294108	160.842	ug/l	99
4) Vinyl Chloride	1.39	62	1471155	155.174	ug/l	100
5) Bromomethane	1.62	94	388731	101.747	ug/l	98
6) Chloroethane	1.70	64	820221	150.857	ug/l	97
7) Trichlorofluoromethane	1.91	101	1713494	143.309	ug/l	100
8) Diethyl Ether	2.17	74	720091	149.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1190131	146.943	ug/l	99
10) Methyl Iodide	2.49	142	1680222	180.843	ug/l	100
11) Tert butyl alcohol	3.04	59	1705273	806.009	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1254700	152.658	ug/l	97
13) Acrolein	2.28	56	974700	751.355	ug/l	100
14) Allyl chloride	2.71	41	2554760	145.152	ug/l	99
15) Acrylonitrile	3.12	53	3885286	776.564	ug/l	100
16) Acetone	2.42	43	3220187	667.228	ug/l	100
17) Carbon Disulfide	2.55	76	3485061	104.643	ug/l	99
18) Methyl Acetate	2.75	43	2325700	151.871	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	4431321	153.332	ug/l	99
20) Methylene Chloride	2.83	84	1394506	145.627	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1353169	146.897	ug/l	94
22) Diisopropyl ether	3.83	45	4718942	148.954	ug/l	98
23) Vinyl Acetate	3.79	43	18791079	709.464	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2520444	154.345	ug/l	100
25) 2-Butanone	4.64	43	5571460	763.584	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2216348	151.046	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	1591369	154.377	ug/l	99
28) Bromochloromethane	4.99	49	1217666	137.284	ug/l #	98
29) Tetrahydrofuran	5.09	42	3655040	754.238	ug/l	100
30) Chloroform	5.19	83	2458017	147.767	ug/l	99
31) Cyclohexane	5.55	56	2387948	150.396	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	2261805	154.064	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1946072	156.667	ug/l	100
37) Ethyl Acetate	4.80	43	2240998	150.019	ug/l	99
38) Carbon Tetrachloride	5.76	117	1967942	163.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2377441	148.563	ug/l	99
40) Benzene	6.12	78	5645099	148.400	ug/l	98
41) Methacrylonitrile	5.01	41	1273407	180.539	ug/l	98
42) 1,2-Dichloroethane	6.17	62	2050571	149.959	ug/l	99
43) Isopropyl Acetate	6.42	43	3833070	152.885	ug/l	99
44) Trichloroethene	7.19	130	2020397	151.962	ug/l	93
45) 1,2-Dichloropropane	7.50	63	1506794	152.481	ug/l	99
46) Dibromomethane	7.64	93	1026015	137.939	ug/l	100
47) Bromodichloromethane	7.88	83	2042409	162.286	ug/l	99
48) Methyl methacrylate	7.75	41	1929811	158.077	ug/l	99
49) 1,4-Dioxane	7.72	88	676178	2852.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	10849113	746.449	ug/l	98
52) Toluene	8.77	92	3606231	147.732	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	2493063	159.005	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	2589753	154.962	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1451503	154.269	ug/l	98
56) Ethyl methacrylate	9.16	69	2510444	159.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	2497749	152.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	6073800	762.974	ug/l	100
59) 2-Hexanone	9.48	43	8458799	771.595	ug/l	98
60) Dibromochloromethane	9.57	129	1676810	182.196	ug/l	97
61) 1,2-Dibromoethane	9.66	107	1555301	148.055	ug/l	99
64) Tetrachloroethene	9.32	164	2558084	133.755	ug/l	96
65) Chlorobenzene	10.12	112	3990445	144.775	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	1571057	155.391	ug/l	98
67) Ethyl Benzene	10.24	91	6947660	142.516	ug/l	97
68) m/p-Xylenes	10.34	106	5236254	287.382	ug/l	96
69) o-Xylene	10.68	106	2608147	145.825	ug/l	98
70) Styrene	10.70	104	4558582	148.268	ug/l	99
71) Bromoform	10.84	173	1306686	224.557	ug/l #	97
73) Isopropylbenzene	11.01	105	6798284	144.110	ug/l	98
74) N-amyl acetate	10.89	43	3678409	153.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1531634	157.560	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	2037932m	119.677	ug/l	
77) Bromobenzene	11.24	156	1940245	151.756	ug/l	98
78) n-propylbenzene	11.35	91	7841818	144.948	ug/l	98
79) 2-Chlorotoluene	11.41	91	4856734	150.787	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	5986343	150.165	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	932418	171.358	ug/l	99
82) 4-Chlorotoluene	11.49	91	5676143	147.787	ug/l	98
83) tert-Butylbenzene	11.76	119	5269339	148.628	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6210392	149.817	ug/l	100
85) sec-Butylbenzene	11.93	105	6874799	146.792	ug/l	99
86) p-Isopropyltoluene	12.05	119	6556506	150.390	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	3503585	148.865	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	3606349	153.763	ug/l	95
89) n-Butylbenzene	12.37	91	5941701	152.923	ug/l	99
90) Hexachloroethane	12.58	117	966502	251.489	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	3352853	151.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	497356	178.140	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2611018	149.010	ug/l	95
94) Hexachlorobutadiene	13.76	225	1197593	153.621	ug/l	98
95) Naphthalene	13.82	128	7597646	151.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2603637	153.656	ug/l	99

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

