

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015529.D
 Acq On : 07 Apr 2020 10:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:01 AM

Quant Time: Apr 08 03:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1192066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1796538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1636184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	875189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	734907	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
35) Dibromofluoromethane	5.47	113	536104	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.70	98	1992198	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.12	95	832429	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	516552	49.185	ug/l	99
3) Chloromethane	1.31	50	589176	44.052	ug/l	97
4) Vinyl Chloride	1.39	62	553941	45.106	ug/l	99
5) Bromomethane	1.62	94	266962	46.610	ug/l	99
6) Chloroethane	1.70	64	347195	45.584	ug/l	99
7) Trichlorofluoromethane	1.91	101	806178	48.949	ug/l	99
8) Diethyl Ether	2.17	74	312003	44.914	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	533553	49.695	ug/l	98
10) Methyl Iodide	2.49	142	735213	50.790	ug/l	99
11) Tert butyl alcohol	3.01	59	663644	164.912	ug/l	99
12) 1,1-Dichloroethene	2.35	96	516385	45.883	ug/l	93
13) Acrolein	2.27	56	639202	278.837	ug/l	100
14) Allyl chloride	2.70	41	1153109	43.850	ug/l	96
15) Acrylonitrile	3.11	53	1575368	205.273	ug/l	100
16) Acetone	2.42	43	1504231	208.251	ug/l	99
17) Carbon Disulfide	2.55	76	1486430	43.296	ug/l	99
18) Methyl Acetate	2.75	43	758008	41.117	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1925455	44.112	ug/l	99
20) Methylene Chloride	2.83	84	592175	43.891	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	555803	44.499	ug/l	94
22) Diisopropyl ether	3.83	45	2134071	45.798	ug/l	89
23) Vinyl Acetate	3.78	43	9247524	219.189	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1087663	44.332	ug/l	99
25) 2-Butanone	4.63	43	2316335	199.403	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1019222	50.611	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	652426	45.149	ug/l	97
28) Bromochloromethane	4.98	49	541048	46.189	ug/l	100
29) Tetrahydrofuran	5.09	42	1466334	196.353	ug/l	100
30) Chloroform	5.17	83	1073040	45.460	ug/l	98
31) Cyclohexane	5.54	56	1006674	47.298	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	996684	46.657	ug/l	99
36) 1,1-Dichloropropene	5.77	75	827893	50.014	ug/l	99
37) Ethyl Acetate	4.79	43	916597	42.527	ug/l	100
38) Carbon Tetrachloride	5.75	117	883951	49.304	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	994088	52.085	ug/l	98
40) Benzene	6.11	78	2303585	47.508	ug/l	99
41) Methacrylonitrile	5.00	41	534865	44.704	ug/l	100
42) 1,2-Dichloroethane	6.16	62	938772	48.199	ug/l	100
43) Isopropyl Acetate	6.41	43	1619737	44.518	ug/l	99
44) Trichloroethene	7.19	130	663081	50.142	ug/l	95
45) 1,2-Dichloropropane	7.49	63	622857	46.956	ug/l	99
46) Dibromomethane	7.64	93	411642	47.308	ug/l	98
47) Bromodichloromethane	7.87	83	895604	48.305	ug/l	97
48) Methyl methacrylate	7.75	41	814037	44.792	ug/l	99
49) 1,4-Dioxane	7.72	88	250512	738.915	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4548711	220.600	ug/l	99
52) Toluene	8.76	92	1494673	49.998	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1044629	48.041	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1080074	48.761	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	592975	48.414	ug/l	96
56) Ethyl methacrylate	9.16	69	1012566	46.910	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1041729	47.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2473676	235.606	ug/l	100
59) 2-Hexanone	9.47	43	3452557	221.781	ug/l	100
60) Dibromochloromethane	9.56	129	706854	48.028	ug/l	97
61) 1,2-Dibromoethane	9.65	107	629277	47.251	ug/l	99
64) Tetrachloroethene	9.32	164	644081	52.161	ug/l	97
65) Chlorobenzene	10.12	112	1609108	49.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	644617	49.449	ug/l	98
67) Ethyl Benzene	10.23	91	2921751	50.486	ug/l	99
68) m/p-Xylenes	10.34	106	2182152	101.260	ug/l	98
69) o-Xylene	10.68	106	1058761	49.719	ug/l	97
70) Styrene	10.70	104	1856417	49.541	ug/l	99
71) Bromoform	10.84	173	547800	46.161	ug/l #	96
73) Isopropylbenzene	11.00	105	2908331	50.717	ug/l	99
74) N-amyl acetate	10.88	43	1460330	45.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	886944	45.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	835932m	46.447	ug/l	
77) Bromobenzene	11.24	156	758840	49.611	ug/l	97
78) n-propylbenzene	11.34	91	3329392	50.775	ug/l	100
79) 2-Chlorotoluene	11.40	91	1996190	49.668	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2435031	49.721	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	336892	44.915	ug/l	97
82) 4-Chlorotoluene	11.50	91	2375770	50.424	ug/l	100
83) tert-Butylbenzene	11.76	119	2426000	50.714	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2533231	50.760	ug/l	99
85) sec-Butylbenzene	11.93	105	2906873	52.542	ug/l	99
86) p-Isopropyltoluene	12.05	119	2706556	52.697	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1392101	50.839	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1376444	49.349	ug/l	99
89) n-Butylbenzene	12.37	91	2520453	54.304	ug/l	100
90) Hexachloroethane	12.58	117	499205	49.937	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	1313322	49.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	223608	40.263	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1094534	51.637	ug/l	97
94) Hexachlorobutadiene	13.77	225	526745	52.194	ug/l	97
95) Naphthalene	13.82	128	3089343	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	1079284	52.885	ug/l	98

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

