

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017191.D
 Acq On : 07 Jul 2020 09:50
 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
 7/8/2020 9:31:23 AM

Quant Time: Jul 07 15:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184565	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.46	113	149265	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	532373	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	214904	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	138643	45.603	ug/l	98
3) Chloromethane	1.31	50	138460	37.625	ug/l	98
4) Vinyl Chloride	1.39	62	138735	40.633	ug/l	100
5) Bromomethane	1.62	94	74471	41.283	ug/l	97
6) Chloroethane	1.70	64	85771	42.534	ug/l	98
7) Trichlorofluoromethane	1.91	101	249110	49.332	ug/l	100
8) Diethyl Ether	2.17	74	80470	47.381	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	141834	46.864	ug/l	98
10) Methyl Iodide	2.49	142	160564	41.115	ug/l	99
11) Tert butyl alcohol	3.01	59	149740	202.608	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130868	42.092	ug/l	98
13) Acrolein	2.27	56	159222	360.396	ug/l	97
14) Allyl chloride	2.70	41	236626	41.182	ug/l	97
15) Acrylonitrile	3.11	53	366397	206.226	ug/l	99
16) Acetone	2.42	43	308875	213.125	ug/l	97
17) Carbon Disulfide	2.55	76	370342	42.689	ug/l	100
18) Methyl Acetate	2.75	43	163665	43.260	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	479949	45.996	ug/l	99
20) Methylene Chloride	2.83	84	153983	46.269	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	154344	44.734	ug/l	99
22) Diisopropyl ether	3.82	45	474479	44.617	ug/l	94
23) Vinyl Acetate	3.78	43	2040850	223.327	ug/l	100
24) 1,1-Dichloroethane	3.67	63	268819	44.426	ug/l	99
25) 2-Butanone	4.63	43	488717	202.380	ug/l	100
26) 2,2-Dichloropropane	4.55	77	252058	46.914	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	168464	43.092	ug/l	99
28) Bromochloromethane	4.98	49	115613	39.264	ug/l	94
29) Tetrahydrofuran	5.09	42	317755	199.152	ug/l	98
30) Chloroform	5.17	83	281240	45.340	ug/l	100
31) Cyclohexane	5.54	56	223036	42.643	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	264089	46.229	ug/l	99
36) 1,1-Dichloropropene	5.76	75	207438	48.974	ug/l	98
37) Ethyl Acetate	4.79	43	194414	45.238	ug/l	99
38) Carbon Tetrachloride	5.75	117	242327	51.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237001	50.290	ug/l	97
40) Benzene	6.11	78	595205	47.827	ug/l	99
41) Methacrylonitrile	5.00	41	110950	45.871	ug/l	99
42) 1,2-Dichloroethane	6.16	62	227954	50.710	ug/l	100
43) Isopropyl Acetate	6.41	43	323736	45.333	ug/l	99
44) Trichloroethene	7.18	130	179130	52.174	ug/l	100
45) 1,2-Dichloropropane	7.49	63	155570	48.670	ug/l	98
46) Dibromomethane	7.63	93	108718	49.819	ug/l	96
47) Bromodichloromethane	7.87	83	229806	51.099	ug/l	96
48) Methyl methacrylate	7.74	41	162855	48.001	ug/l	98
49) 1,4-Dioxane	7.71	88	68690	893.677	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	995993	233.972	ug/l	100
52) Toluene	8.76	92	389479	50.126	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	247633	49.906	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	268761	50.527	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	157761	49.695	ug/l	98
56) Ethyl methacrylate	9.16	69	227823	50.420	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259124	48.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	566989	252.129	ug/l	98
59) 2-Hexanone	9.47	43	763706	245.648	ug/l	100
60) Dibromochloromethane	9.56	129	197242	53.494	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166210	48.708	ug/l	100
64) Tetrachloroethene	9.32	164	179423	52.433	ug/l	97
65) Chlorobenzene	10.12	112	432878	49.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	172638	51.189	ug/l	99
67) Ethyl Benzene	10.23	91	739304	50.588	ug/l	99
68) m/p-Xylenes	10.34	106	578198	103.039	ug/l	97
69) o-Xylene	10.68	106	273568	51.248	ug/l	99
70) Styrene	10.70	104	485907	53.453	ug/l	99
71) Bromoform	10.84	173	152199	56.909	ug/l	98
73) Isopropylbenzene	11.00	105	749108	48.334	ug/l	100
74) N-amyl acetate	10.88	43	296872	44.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	217908	44.697	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	216167m	46.458	ug/l	
77) Bromobenzene	11.24	156	206761	48.540	ug/l	96
78) n-propylbenzene	11.34	91	856943	48.894	ug/l	99
79) 2-Chlorotoluene	11.40	91	521855	49.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	650081	50.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81501	45.360	ug/l	90
82) 4-Chlorotoluene	11.49	91	625305	49.313	ug/l	100
83) tert-Butylbenzene	11.76	119	637743	50.535	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	668163	51.231	ug/l	100
85) sec-Butylbenzene	11.93	105	736278	49.634	ug/l	100
86) p-Isopropyltoluene	12.05	119	712571	51.600	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369363	47.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	372423	51.051	ug/l	99
89) n-Butylbenzene	12.37	91	595646	48.306	ug/l	99
90) Hexachloroethane	12.58	117	132737	48.742	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	347926	48.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50027	43.015	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	234627	47.536	ug/l	97
94) Hexachlorobutadiene	13.77	225	92119	49.191	ug/l	98
95) Naphthalene	13.82	128	719726	47.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232964	48.771	ug/l	98

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

