

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017321.D
 Acq On : 09 Jul 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:10 PM

Quant Time: Jul 10 07:33:06 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	278634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185990	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	5.47	113	152438	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
50) Toluene-d8	8.70	98	525562	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.12	95	219522	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120269	44.616	ug/l	100
3) Chloromethane	1.31	50	141344	43.318	ug/l	97
4) Vinyl Chloride	1.39	62	136900	45.221	ug/l	99
5) Bromomethane	1.62	94	76864	48.057	ug/l	97
6) Chloroethane	1.70	64	90494	50.613	ug/l	100
7) Trichlorofluoromethane	1.91	101	235652	52.632	ug/l	99
8) Diethyl Ether	2.17	74	85485	56.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133253	49.657	ug/l	98
10) Methyl Iodide	2.49	142	152547	44.055	ug/l	99
11) Tert butyl alcohol	3.02	59	185877	283.653	ug/l	99
12) 1,1-Dichloroethene	2.36	96	133195	48.317	ug/l	99
13) Acrolein	2.27	56	99538	254.103	ug/l	98
14) Allyl chloride	2.70	41	247200	48.522	ug/l	98
15) Acrylonitrile	3.12	53	448989	285.017	ug/l	99
16) Acetone	2.42	43	370696	288.479	ug/l	98
17) Carbon Disulfide	2.55	76	346190	45.005	ug/l	99
18) Methyl Acetate	2.75	43	203782	60.749	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	519828	56.185	ug/l	99
20) Methylene Chloride	2.83	84	160951	54.687	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	153495	50.174	ug/l	98
22) Diisopropyl ether	3.82	45	502450	53.286	ug/l	99
23) Vinyl Acetate	3.79	43	2234223	275.741	ug/l	100
24) 1,1-Dichloroethane	3.67	63	278581	51.924	ug/l	99
25) 2-Butanone	4.64	43	608589	284.235	ug/l	99
26) 2,2-Dichloropropane	4.55	77	236467	49.638	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	175540	50.642	ug/l	99
28) Bromochloromethane	4.98	49	124903	47.841	ug/l	95
29) Tetrahydrofuran	5.09	42	397755	281.159	ug/l	99
30) Chloroform	5.18	83	295534	53.735	ug/l	96
31) Cyclohexane	5.55	56	205482	44.309	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	266691	52.652	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201415	49.704	ug/l	99
37) Ethyl Acetate	4.79	43	231951	56.415	ug/l	99
38) Carbon Tetrachloride	5.76	117	239855	53.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	211094	46.819	ug/l	95
40) Benzene	6.12	78	612472	51.441	ug/l	100
41) Methacrylonitrile	5.00	41	132560	57.284	ug/l	99
42) 1,2-Dichloroethane	6.16	62	240970	56.031	ug/l	100
43) Isopropyl Acetate	6.42	43	381718	55.871	ug/l	99
44) Trichloroethene	7.19	130	179968	54.805	ug/l	100
45) 1,2-Dichloropropane	7.49	63	164461	53.779	ug/l	99
46) Dibromomethane	7.64	93	114051	54.627	ug/l	95
47) Bromodichloromethane	7.87	83	241318	56.087	ug/l	97
48) Methyl methacrylate	7.75	41	190819	58.787	ug/l	98
49) 1,4-Dioxane	7.71	88	73838	1004.113	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1215474	298.449	ug/l	99
52) Toluene	8.77	92	395933	53.262	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	260803	54.938	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	276875	54.407	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	171247	56.383	ug/l	96
56) Ethyl methacrylate	9.16	69	257458	59.556	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278013	54.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	590485	274.456	ug/l	99
59) 2-Hexanone	9.48	43	927574	311.854	ug/l	100
60) Dibromochloromethane	9.57	129	206596	58.566	ug/l	99
61) 1,2-Dibromoethane	9.65	107	182864	56.013	ug/l	100
64) Tetrachloroethene	9.32	164	171031	51.820	ug/l	94
65) Chlorobenzene	10.12	112	441824	52.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	183988	56.562	ug/l	99
67) Ethyl Benzene	10.24	91	752400	53.378	ug/l	99
68) m/p-Xylenes	10.34	106	575186	106.275	ug/l	97
69) o-Xylene	10.68	106	274898	53.392	ug/l	97
70) Styrene	10.70	104	496180	56.592	ug/l	100
71) Bromoform	10.84	173	166524	64.557	ug/l #	98
73) Isopropylbenzene	11.00	105	746891	50.862	ug/l	100
74) N-amyl acetate	10.88	43	349349	55.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249927	54.106	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	243487m	55.230	ug/l	
77) Bromobenzene	11.24	156	213119	52.806	ug/l	96
78) n-propylbenzene	11.34	91	849592	51.162	ug/l	100
79) 2-Chlorotoluene	11.40	91	523449	52.084	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	639513	52.503	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90128	52.942	ug/l	95
82) 4-Chlorotoluene	11.49	91	626705	52.163	ug/l	99
83) tert-Butylbenzene	11.76	119	634333	53.051	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	665223	53.833	ug/l	100
85) sec-Butylbenzene	11.93	105	723392	51.468	ug/l	100
86) p-Isopropyltoluene	12.05	119	691464	52.847	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	371741	50.715	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	380113	55.008	ug/l	99
89) n-Butylbenzene	12.37	91	590299	50.526	ug/l	99
90) Hexachloroethane	12.58	117	133419	51.708	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	366953	53.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61775	56.061	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	251021	53.676	ug/l	99
94) Hexachlorobutadiene	13.77	225	98975	55.668	ug/l	95
95) Naphthalene	13.82	128	829386	58.335	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	253963	56.114	ug/l	99

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

