

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017270.D
 Acq On : 08 Jul 2020 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:54 AM

Quant Time: Jul 09 04:50:04 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	289590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172825	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.47	113	141896	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	511581	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.12	95	214776	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120904	43.155	ug/l	99
3) Chloromethane	1.31	50	133624	39.403	ug/l	99
4) Vinyl Chloride	1.39	62	138181	43.917	ug/l	99
5) Bromomethane	1.62	94	76933	46.280	ug/l	96
6) Chloroethane	1.70	64	88705	47.735	ug/l	99
7) Trichlorofluoromethane	1.91	101	240177	51.613	ug/l	100
8) Diethyl Ether	2.17	74	84225	53.766	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133783	47.968	ug/l	97
10) Methyl Iodide	2.49	142	157868	43.867	ug/l	100
11) Tert butyl alcohol	3.02	59	179204	263.124	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131094	45.756	ug/l	99
13) Acrolein	2.27	56	125401	308.015	ug/l	100
14) Allyl chloride	2.71	41	235380	44.454	ug/l	97
15) Acrylonitrile	3.12	53	415607	253.845	ug/l	99
16) Acetone	2.42	43	351983	263.554	ug/l	99
17) Carbon Disulfide	2.55	76	350708	43.868	ug/l	99
18) Methyl Acetate	2.75	43	192850	55.315	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488796	50.833	ug/l	98
20) Methylene Chloride	2.83	84	154800	50.548	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	147983	46.543	ug/l	96
22) Diisopropyl ether	3.82	45	476115	48.583	ug/l	97
23) Vinyl Acetate	3.79	43	2094213	248.683	ug/l	99
24) 1,1-Dichloroethane	3.67	63	267036	47.889	ug/l	99
25) 2-Butanone	4.64	43	572957	257.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	213350	43.091	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	167178	46.405	ug/l	99
28) Bromochloromethane	4.98	49	116431	42.909	ug/l	95
29) Tetrahydrofuran	5.09	42	374260	254.542	ug/l	99
30) Chloroform	5.18	83	286029	50.039	ug/l	97
31) Cyclohexane	5.55	56	216123	44.840	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	264444	50.233	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200069	48.354	ug/l	98
37) Ethyl Acetate	4.79	43	219819	52.362	ug/l	99
38) Carbon Tetrachloride	5.76	117	240427	52.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216752	47.083	ug/l	98
40) Benzene	6.12	78	593310	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	122546	51.865	ug/l	99
42) 1,2-Dichloroethane	6.17	62	231103	52.629	ug/l	100
43) Isopropyl Acetate	6.42	43	363227	52.068	ug/l	99
44) Trichloroethene	7.19	130	177700	52.989	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156093	49.991	ug/l	98
46) Dibromomethane	7.63	93	112644	52.841	ug/l	96
47) Bromodichloromethane	7.88	83	235228	53.544	ug/l	98
48) Methyl methacrylate	7.74	41	181260	54.691	ug/l	97
49) 1,4-Dioxane	7.71	88	72895	970.856	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1164479	280.034	ug/l	99
52) Toluene	8.77	92	387809	51.094	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	254756	52.558	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265457	51.088	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	167293	53.946	ug/l	99
56) Ethyl methacrylate	9.16	69	253987	57.542	ug/l	98
57) 1,3-Dichloropropane	9.35	76	271543	51.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	576563	262.461	ug/l	99
59) 2-Hexanone	9.48	43	899623	296.222	ug/l	99
60) Dibromochloromethane	9.57	129	204209	56.696	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178094	53.428	ug/l	99
64) Tetrachloroethene	9.32	164	171626	49.840	ug/l	99
65) Chlorobenzene	10.12	112	444193	50.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	180840	53.285	ug/l	97
67) Ethyl Benzene	10.24	91	768210	52.236	ug/l	97
68) m/p-Xylenes	10.34	106	589959	104.475	ug/l	97
69) o-Xylene	10.68	106	281894	52.476	ug/l	96
70) Styrene	10.70	104	508813	55.622	ug/l	99
71) Bromoform	10.84	173	160926	59.795	ug/l	100
73) Isopropylbenzene	11.00	105	790291	51.471	ug/l	100
74) N-amyl acetate	10.88	43	338347	51.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	242005	50.107	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235639m	51.120	ug/l	
77) Bromobenzene	11.24	156	213982	50.708	ug/l	97
78) n-propylbenzene	11.34	91	890949	51.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	538421	51.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	671867	52.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87836	49.347	ug/l	96
82) 4-Chlorotoluene	11.49	91	643123	51.196	ug/l	100
83) tert-Butylbenzene	11.76	119	661608	52.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	685410	53.048	ug/l	100
85) sec-Butylbenzene	11.93	105	747645	50.875	ug/l	99
86) p-Isopropyltoluene	12.05	119	714009	52.191	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	375516	48.997	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	383231	53.035	ug/l	99
89) n-Butylbenzene	12.37	91	589903	48.291	ug/l	99
90) Hexachloroethane	12.58	117	136067	50.435	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	360013	50.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58629	50.886	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	247190	50.553	ug/l	99
94) Hexachlorobutadiene	13.76	225	89004	47.996	ug/l	99
95) Naphthalene	13.82	128	810824	54.544	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	244044	51.572	ug/l	99

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

