

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017242.D
 Acq On : 08 Jul 2020 07:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:12 AM

Quant Time: Jul 08 07:26:30 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	238686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165025	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	5.46	113	132375	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.70	98	452221	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.12	95	190426	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76958	33.327	ug/l	100
3) Chloromethane	1.31	50	105416	37.715	ug/l	98
4) Vinyl Chloride	1.39	62	105309	40.608	ug/l	96
5) Bromomethane	1.62	94	65258	47.629	ug/l	98
6) Chloroethane	1.70	64	71991	47.003	ug/l	95
7) Trichlorofluoromethane	1.91	101	163631	42.663	ug/l	97
8) Diethyl Ether	2.17	74	73202	56.675	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	82270	35.789	ug/l	97
10) Methyl Iodide	2.49	142	120485	40.619	ug/l	99
11) Tert butyl alcohol	3.02	59	160604	286.105	ug/l	99
12) 1,1-Dichloroethene	2.36	96	100801	42.686	ug/l	98
13) Acrolein	2.27	56	94965	283.003	ug/l	98
14) Allyl chloride	2.70	41	188611	43.218	ug/l	98
15) Acrylonitrile	3.12	53	358049	265.329	ug/l	100
16) Acetone	2.42	43	308530	280.286	ug/l	97
17) Carbon Disulfide	2.55	76	272057	41.289	ug/l	99
18) Methyl Acetate	2.75	43	159187	55.397	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	428499	54.066	ug/l	98
20) Methylene Chloride	2.83	84	131658	52.185	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	120684	46.052	ug/l	99
22) Diisopropyl ether	3.83	45	410715	50.848	ug/l	92
23) Vinyl Acetate	3.79	43	1836315	264.563	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225085	48.975	ug/l	100
25) 2-Butanone	4.64	43	488269	266.208	ug/l	99
26) 2,2-Dichloropropane	4.55	77	120314	29.483	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	142481	47.984	ug/l	96
28) Bromochloromethane	4.98	49	111908	50.037	ug/l	94
29) Tetrahydrofuran	5.09	42	318595	262.895	ug/l	99
30) Chloroform	5.18	83	242677	51.509	ug/l	100
31) Cyclohexane	5.56	56	133883	33.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	203012	46.788	ug/l	99
36) 1,1-Dichloropropene	5.77	75	149247	39.949	ug/l	98
37) Ethyl Acetate	4.79	43	187228	49.394	ug/l	98
38) Carbon Tetrachloride	5.75	117	179471	43.616	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	122748	29.530	ug/l	94
40) Benzene	6.11	78	498725	45.435	ug/l	100
41) Methacrylonitrile	5.01	41	105091	49.261	ug/l	99
42) 1,2-Dichloroethane	6.16	62	205338	51.789	ug/l	99
43) Isopropyl Acetate	6.42	43	311879	49.515	ug/l	99
44) Trichloroethene	7.19	130	142329	46.970	ug/l	98
45) 1,2-Dichloropropane	7.49	63	133871	47.484	ug/l	100
46) Dibromomethane	7.63	93	96951	50.370	ug/l	96
47) Bromodichloromethane	7.88	83	201658	50.839	ug/l	99
48) Methyl methacrylate	7.74	41	155729	52.040	ug/l	98
49) 1,4-Dioxane	7.71	88	73379	1082.390	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	981202	261.331	ug/l	100
52) Toluene	8.76	92	320503	46.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	205366	46.925	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	214313	45.680	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	142912	51.040	ug/l	99
56) Ethyl methacrylate	9.16	69	209155	52.481	ug/l	99
57) 1,3-Dichloropropane	9.35	76	236237	49.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	548459	276.514	ug/l	98
59) 2-Hexanone	9.48	43	746618	272.276	ug/l	100
60) Dibromochloromethane	9.57	129	174781	53.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155331	51.610	ug/l	99
64) Tetrachloroethene	9.32	164	135306	42.312	ug/l	97
65) Chlorobenzene	10.12	112	365503	44.694	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	150215	47.662	ug/l	99
67) Ethyl Benzene	10.24	91	596315	43.663	ug/l	97
68) m/p-Xylenes	10.34	106	473483	90.291	ug/l	99
69) o-Xylene	10.68	106	229704	46.046	ug/l	100
70) Styrene	10.70	104	414299	48.770	ug/l	100
71) Bromoform	10.84	173	138458	55.399	ug/l #	99
73) Isopropylbenzene	11.00	105	586074	40.988	ug/l	99
74) N-amyl acetate	10.88	43	283741	46.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	212389	47.221	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202829m	47.250	ug/l	
77) Bromobenzene	11.24	156	181208	46.111	ug/l	95
78) n-propylbenzene	11.34	91	657041	40.635	ug/l	100
79) 2-Chlorotoluene	11.40	91	427687	43.704	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	516898	43.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	64499	38.910	ug/l	94
82) 4-Chlorotoluene	11.49	91	516569	44.157	ug/l	99
83) tert-Butylbenzene	11.76	119	493165	42.358	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	540489	44.920	ug/l	99
85) sec-Butylbenzene	11.93	105	532677	38.922	ug/l	100
86) p-Isopropyltoluene	12.05	119	521543	40.936	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	310644	43.524	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316545	47.018	ug/l	99
89) n-Butylbenzene	12.37	91	414757	36.459	ug/l	99
90) Hexachloroethane	12.58	117	104612	41.638	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	310735	46.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49146	45.804	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	192685	42.315	ug/l	99
94) Hexachlorobutadiene	13.77	225	61002	35.546	ug/l	98
95) Naphthalene	13.82	128	653990	47.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	194000	44.022	ug/l	98

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

