

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017409.D
 Acq On : 16 Jul 2020 22:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:44:19 PM

Quant Time: Jul 17 02:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	310019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	491661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190073	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.47	113	158951	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.70	98	574146	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.12	95	225995	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146268	55.757	ug/l	99
3) Chloromethane	1.31	50	165501	56.039	ug/l	98
4) Vinyl Chloride	1.39	62	166017	56.823	ug/l	98
5) Bromomethane	1.62	94	94146	49.500	ug/l	99
6) Chloroethane	1.71	64	101132	54.839	ug/l	99
7) Trichlorofluoromethane	1.92	101	250349	50.768	ug/l	96
8) Diethyl Ether	2.17	74	92510	53.072	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150315	53.510	ug/l	98
10) Methyl Iodide	2.49	142	184040	49.460	ug/l	98
11) Tert butyl alcohol	3.01	59	176494	269.225	ug/l	100
12) 1,1-Dichloroethene	2.36	96	153607	54.446	ug/l	95
13) Acrolein	2.27	56	33748	93.910	ug/l	99
14) Allyl chloride	2.71	41	280479	57.375	ug/l	95
15) Acrylonitrile	3.12	53	467588	294.230	ug/l	99
16) Acetone	2.42	43	388412	279.807	ug/l	97
17) Carbon Disulfide	2.55	76	443392	53.874	ug/l	100
18) Methyl Acetate	2.75	43	202794	59.148	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	531083	55.439	ug/l	100
20) Methylene Chloride	2.84	84	179735	53.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	172271	53.369	ug/l	96
22) Diisopropyl ether	3.82	45	553117	59.398	ug/l	97
23) Vinyl Acetate	3.79	43	2467905	301.347	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304862	55.707	ug/l	99
25) 2-Butanone	4.64	43	641216	290.830	ug/l	100
26) 2,2-Dichloropropane	4.55	77	223790	43.939	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	187662	53.015	ug/l	98
28) Bromochloromethane	4.98	49	143343	56.699	ug/l	94
29) Tetrahydrofuran	5.09	42	420223	294.440	ug/l	96
30) Chloroform	5.18	83	310843	52.793	ug/l	99
31) Cyclohexane	5.55	56	255005	56.919	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	285862	52.518	ug/l	99
36) 1,1-Dichloropropene	5.77	75	225765	49.922	ug/l	99
37) Ethyl Acetate	4.79	43	254102	54.331	ug/l	99
38) Carbon Tetrachloride	5.76	117	256315	48.408	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247060	50.307	ug/l	97
40) Benzene	6.12	78	680786	52.381	ug/l	99
41) Methacrylonitrile	5.01	41	144296	57.471	ug/l	96
42) 1,2-Dichloroethane	6.17	62	250025	49.514	ug/l	100
43) Isopropyl Acetate	6.42	43	405390	54.245	ug/l	99
44) Trichloroethene	7.19	130	192656	48.529	ug/l	95
45) 1,2-Dichloropropane	7.49	63	179871	54.088	ug/l	99
46) Dibromomethane	7.63	93	123162	51.351	ug/l	96
47) Bromodichloromethane	7.88	83	255780	51.010	ug/l	99
48) Methyl methacrylate	7.74	41	202830	56.558	ug/l	97
49) 1,4-Dioxane	7.71	88	74739	1018.389	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1278454	280.559	ug/l	98
52) Toluene	8.77	92	435454	52.211	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	270973	50.162	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	292741	50.809	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	183011	52.622	ug/l	99
56) Ethyl methacrylate	9.16	69	270640	54.812	ug/l	98
57) 1,3-Dichloropropane	9.35	76	300251	51.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	694403	276.976	ug/l	98
59) 2-Hexanone	9.48	43	963018	280.006	ug/l	99
60) Dibromochloromethane	9.57	129	209686	49.352	ug/l	100
61) 1,2-Dibromoethane	9.65	107	192828	50.967	ug/l	99
64) Tetrachloroethene	9.32	164	175125	43.285	ug/l	96
65) Chlorobenzene	10.12	112	469468	49.420	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	187071	49.462	ug/l	98
67) Ethyl Benzene	10.24	91	825429	52.196	ug/l	99
68) m/p-Xylenes	10.34	106	636735	105.823	ug/l	97
69) o-Xylene	10.68	106	301751	52.484	ug/l	99
70) Styrene	10.70	104	540526	54.769	ug/l	98
71) Bromoform	10.84	173	158859	49.776	ug/l #	98
73) Isopropylbenzene	11.00	105	817589	50.902	ug/l	100
74) N-amyl acetate	10.88	43	365671	56.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	269471	55.255	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	253449m	53.531	ug/l	
77) Bromobenzene	11.24	156	217893	47.630	ug/l	95
78) n-propylbenzene	11.34	91	939288	52.070	ug/l	100
79) 2-Chlorotoluene	11.40	91	564013	50.737	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	690998	50.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	91869	49.222	ug/l	98
82) 4-Chlorotoluene	11.49	91	670780	50.916	ug/l	100
83) tert-Butylbenzene	11.76	119	681031	51.671	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	704888	51.174	ug/l	99
85) sec-Butylbenzene	11.93	105	776164	50.300	ug/l	100
86) p-Isopropyltoluene	12.05	119	745792	51.080	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	393950	48.138	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	399977	48.376	ug/l	99
89) n-Butylbenzene	12.37	91	635503	51.037	ug/l	99
90) Hexachloroethane	12.58	117	142133	51.277	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	387241	50.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61839	48.055	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	252939	47.380	ug/l	97
94) Hexachlorobutadiene	13.76	225	100046	45.953	ug/l	97
95) Naphthalene	13.82	128	827293	52.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	251389	48.748	ug/l	97

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

