

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017244.D
 Acq On : 08 Jul 2020 10:24
 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
 7/9/2020 10:59:45 AM

Quant Time: Jul 08 15:49:53 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	5.62	168	288935	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	412579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163474	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	5.46	113	134240	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	480574	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.12	95	200050	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127384	45.571	ug/l	100
3) Chloromethane	1.31	50	134927	39.877	ug/l	100
4) Vinyl Chloride	1.39	62	132786	42.298	ug/l	99
5) Bromomethane	1.62	94	75157	45.314	ug/l	98
6) Chloroethane	1.70	64	86293	46.542	ug/l	100
7) Trichlorofluoromethane	1.91	101	241754	52.070	ug/l	100
8) Diethyl Ether	2.17	74	83046	53.137	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128277	46.098	ug/l	95
10) Methyl Iodide	2.49	142	138644	38.613	ug/l	99
11) Tert butyl alcohol	3.01	59	156591	230.443	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120308	42.086	ug/l	96
13) Acrolein	2.27	56	133220	327.962	ug/l	99
14) Allyl chloride	2.70	41	226806	42.932	ug/l	97
15) Acrylonitrile	3.11	53	369927	226.457	ug/l	98
16) Acetone	2.42	43	321000	240.899	ug/l	93
17) Carbon Disulfide	2.55	76	341395	42.801	ug/l	99
18) Methyl Acetate	2.75	43	166584	47.889	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	479909	50.022	ug/l	98
20) Methylene Chloride	2.83	84	149370	48.859	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	143438	45.215	ug/l	99
22) Diisopropyl ether	3.82	45	467979	47.861	ug/l	94
23) Vinyl Acetate	3.78	43	2041617	242.987	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257572	46.297	ug/l	100
25) 2-Butanone	4.63	43	507992	228.794	ug/l	99
26) 2,2-Dichloropropane	4.54	77	241008	48.788	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	166191	46.236	ug/l	99
28) Bromochloromethane	4.98	49	108343	40.019	ug/l	96
29) Tetrahydrofuran	5.09	42	325753	222.054	ug/l	98
30) Chloroform	5.17	83	281017	49.274	ug/l	100
31) Cyclohexane	5.54	56	214055	44.512	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	254667	48.486	ug/l	98
36) 1,1-Dichloropropene	5.76	75	198619	50.936	ug/l	99
37) Ethyl Acetate	4.79	43	197782	49.991	ug/l	98
38) Carbon Tetrachloride	5.75	117	232580	54.153	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225800	52.045	ug/l	96
40) Benzene	6.11	78	575319	50.215	ug/l	96
41) Methacrylonitrile	5.00	41	115984	52.087	ug/l	99
42) 1,2-Dichloroethane	6.16	62	228992	55.334	ug/l	99
43) Isopropyl Acetate	6.41	43	334337	50.855	ug/l	99
44) Trichloroethene	7.18	130	172462	54.578	ug/l	96
45) 1,2-Dichloropropane	7.49	63	148200	50.363	ug/l	96
46) Dibromomethane	7.63	93	108181	53.848	ug/l	96
47) Bromodichloromethane	7.87	83	226695	54.755	ug/l	100
48) Methyl methacrylate	7.74	41	166919	53.441	ug/l	98
49) 1,4-Dioxane	7.71	88	71271	1007.221	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1027842	262.277	ug/l	100
52) Toluene	8.76	92	373968	52.280	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	253427	55.479	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	264907	54.097	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	159267	54.496	ug/l	99
56) Ethyl methacrylate	9.16	69	234802	56.446	ug/l	98
57) 1,3-Dichloropropane	9.35	76	264059	53.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	556174	268.648	ug/l	99
59) 2-Hexanone	9.47	43	784382	274.056	ug/l	100
60) Dibromochloromethane	9.56	129	195645	57.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170986	54.429	ug/l	99
64) Tetrachloroethene	9.32	164	169561	51.981	ug/l	97
65) Chlorobenzene	10.12	112	425596	51.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	171423	53.321	ug/l	98
67) Ethyl Benzene	10.23	91	727936	52.252	ug/l	98
68) m/p-Xylenes	10.34	106	571840	106.903	ug/l	98
69) o-Xylene	10.68	106	271236	53.302	ug/l	98
70) Styrene	10.70	104	484655	55.930	ug/l	99
71) Bromoform	10.84	173	152396	59.777	ug/l	99
73) Isopropylbenzene	11.00	105	743666	50.240	ug/l	100
74) N-amyl acetate	10.88	43	309217	48.957	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	225431	48.415	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	224546m	50.529	ug/l	
77) Bromobenzene	11.24	156	205159	50.429	ug/l	96
78) n-propylbenzene	11.34	91	854816	51.067	ug/l	100
79) 2-Chlorotoluene	11.40	91	522662	51.592	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	648004	52.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	85954	50.089	ug/l	96
82) 4-Chlorotoluene	11.49	91	624397	51.558	ug/l	99
83) tert-Butylbenzene	11.76	119	627738	52.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	662154	53.158	ug/l	99
85) sec-Butylbenzene	11.93	105	737499	52.054	ug/l	99
86) p-Isopropyltoluene	12.05	119	703216	53.317	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	370444	50.136	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	383433	55.047	ug/l	99
89) n-Butylbenzene	12.37	91	600317	50.975	ug/l	99
90) Hexachloroethane	12.58	117	134351	51.655	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	357824	51.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54019	48.633	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251408	53.332	ug/l	100
94) Hexachlorobutadiene	13.77	225	93380	52.158	ug/l	97
95) Naphthalene	13.82	128	776545	54.185	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	245861	53.892	ug/l	99

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

