

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071720\
 Data File : VX017428.D
 Acq On : 17 Jul 2020 18:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:24 AM

Quant Time: Jul 18 08:08:59 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	5.63	168	569109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	937514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	939321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	532556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	364387	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.46	113	314910	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	1154287	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	492440	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	140985	29.276	ug/l	99
3) Chloromethane	1.31	50	147244	27.159	ug/l	98
4) Vinyl Chloride	1.39	62	153514	28.623	ug/l	100
5) Bromomethane	1.62	94	74127	21.231	ug/l	98
6) Chloroethane	1.71	64	95495	28.208	ug/l	99
7) Trichlorofluoromethane	1.92	101	246374	27.216	ug/l	97
8) Diethyl Ether	2.17	74	86478	27.025	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	151039	29.290	ug/l	98
10) Methyl Iodide	2.49	142	148440	23.062	ug/l	98
11) Tert butyl alcohol	3.01	59	176346	146.536	ug/l	99
12) 1,1-Dichloroethene	2.36	96	148887	28.748	ug/l	96
13) Acrolein	2.28	56	4320	6.549	ug/l	95
14) Allyl chloride	2.71	41	270646	30.159	ug/l	96
15) Acrylonitrile	3.12	53	440136	150.870	ug/l	99
16) Acetone	2.42	43	370183	145.270	ug/l	98
17) Carbon Disulfide	2.55	76	430043	28.464	ug/l	99
18) Methyl Acetate	2.75	43	197804	31.428	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	511077	29.062	ug/l	99
20) Methylene Chloride	2.83	84	182593	29.368	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	168008	28.353	ug/l	97
22) Diisopropyl ether	3.83	45	531032	31.065	ug/l	88
23) Vinyl Acetate	3.79	43	2366461	157.409	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297310	29.594	ug/l	99
25) 2-Butanone	4.64	43	606595	149.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	248182	26.544	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182294	28.054	ug/l	98
28) Bromochloromethane	4.98	49	147153	31.708	ug/l	94
29) Tetrahydrofuran	5.09	42	397467	151.709	ug/l	97
30) Chloroform	5.18	83	303866	28.113	ug/l	98
31) Cyclohexane	5.55	56	245158	29.809	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275608	27.583	ug/l	98
36) 1,1-Dichloropropene	5.77	75	224221	26.001	ug/l	99
37) Ethyl Acetate	4.79	43	239649	26.872	ug/l	98
38) Carbon Tetrachloride	5.76	117	248713	24.634	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247394	26.418	ug/l	98
40) Benzene	6.11	78	661250	26.682	ug/l	99
41) Methacrylonitrile	5.00	41	130368	27.230	ug/l	97
42) 1,2-Dichloroethane	6.17	62	246265	25.576	ug/l	99
43) Isopropyl Acetate	6.42	43	381834	26.795	ug/l	99
44) Trichloroethene	7.19	130	182099	24.056	ug/l	97
45) 1,2-Dichloropropane	7.49	63	175477	27.672	ug/l	98
46) Dibromomethane	7.63	93	119982	26.235	ug/l	96
47) Bromodichloromethane	7.87	83	250964	26.248	ug/l	99
48) Methyl methacrylate	7.74	41	192174	28.103	ug/l	99
49) 1,4-Dioxane	7.71	88	80687	576.578	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1217738	140.146	ug/l	99
52) Toluene	8.76	92	416869	26.212	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270457	26.256	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	289931	26.390	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176194	26.568	ug/l	99
56) Ethyl methacrylate	9.16	69	260487	27.667	ug/l	98
57) 1,3-Dichloropropane	9.35	76	288705	26.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	703609	147.181	ug/l	97
59) 2-Hexanone	9.47	43	921800	140.559	ug/l	97
60) Dibromochloromethane	9.57	129	206974	25.547	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189737	26.300	ug/l	100
64) Tetrachloroethene	9.32	164	159322	19.597	ug/l	94
65) Chlorobenzene	10.12	112	466362	24.431	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180651	23.770	ug/l	98
67) Ethyl Benzene	10.24	91	802906	25.266	ug/l	100
68) m/p-Xylenes	10.34	106	622331	51.471	ug/l	98
69) o-Xylene	10.68	106	294456	25.487	ug/l	100
70) Styrene	10.70	104	522143	26.328	ug/l	99
71) Bromoform	10.84	173	159999	24.948	ug/l #	99
73) Isopropylbenzene	11.00	105	796475	23.858	ug/l	99
74) N-amyl acetate	10.88	43	356727	26.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	266062	26.249	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249168m	25.320	ug/l	
77) Bromobenzene	11.24	156	216205	22.738	ug/l	95
78) n-propylbenzene	11.34	91	928616	24.768	ug/l	100
79) 2-Chlorotoluene	11.40	91	555500	24.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	686530	24.226	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	94204	24.284	ug/l	98
82) 4-Chlorotoluene	11.49	91	669665	24.456	ug/l	100
83) tert-Butylbenzene	11.76	119	673707	24.593	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	702098	24.524	ug/l	100
85) sec-Butylbenzene	11.93	105	783253	24.422	ug/l	100
86) p-Isopropyltoluene	12.05	119	741493	24.434	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	387875	22.803	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394480	22.955	ug/l	99
89) n-Butylbenzene	12.37	91	639091	24.694	ug/l	99
90) Hexachloroethane	12.58	117	142117	24.668	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	374747	23.445	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59740	22.336	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	244882	22.070	ug/l	98
94) Hexachlorobutadiene	13.76	225	101597	22.452	ug/l	97
95) Naphthalene	13.82	128	795619	24.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	241942	22.573	ug/l	99

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

