

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019195.D
 Acq On : 29 Oct 2020 18:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:51 PM

Quant Time: Oct 30 04:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166110	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	132074	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.70	98	504973	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	195108	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108900	49.953	ug/l	99
3) Chloromethane	1.31	50	126667	52.007	ug/l	100
4) Vinyl Chloride	1.39	62	146014	51.695	ug/l	98
5) Bromomethane	1.63	94	91973	47.680	ug/l	99
6) Chloroethane	1.71	64	95813	53.129	ug/l	96
7) Trichlorofluoromethane	1.92	101	230068	51.847	ug/l	96
8) Diethyl Ether	2.17	74	90701	53.258	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125643	51.083	ug/l	98
10) Methyl Iodide	2.49	142	154954	52.943	ug/l	99
11) Tert butyl alcohol	3.02	59	171039	256.778	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125929	49.685	ug/l	98
13) Acrolein	2.27	56	73811	247.891	ug/l	98
14) Allyl chloride	2.71	41	202440	52.733	ug/l	98
15) Acrylonitrile	3.11	53	378685	270.545	ug/l	99
16) Acetone	2.42	43	339039	291.415	ug/l	98
17) Carbon Disulfide	2.55	76	339668	47.061	ug/l	99
18) Methyl Acetate	2.75	43	153003	54.082	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	459869	52.366	ug/l	100
20) Methylene Chloride	2.84	84	148556	50.861	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	142814	48.960	ug/l	95
22) Diisopropyl ether	3.82	45	415511	54.292	ug/l	99
23) Vinyl Acetate	3.78	43	1868911	273.836	ug/l	98
24) 1,1-Dichloroethane	3.67	63	250253	52.371	ug/l	99
25) 2-Butanone	4.64	43	516568	281.730	ug/l	99
26) 2,2-Dichloropropane	4.55	77	229222	51.027	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166070	50.948	ug/l	98
28) Bromochloromethane	4.98	49	110806	51.008	ug/l	95
29) Tetrahydrofuran	5.09	42	328934	284.669	ug/l	97
30) Chloroform	5.18	83	267766	52.645	ug/l	99
31) Cyclohexane	5.55	56	220571	51.741	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	242894	52.673	ug/l	99
36) 1,1-Dichloropropene	5.77	75	202578	50.796	ug/l	99
37) Ethyl Acetate	4.79	43	200316	54.098	ug/l	98
38) Carbon Tetrachloride	5.76	117	207643	51.080	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	241994	50.748	ug/l	98
40) Benzene	6.11	78	585062	51.741	ug/l	99
41) Methacrylonitrile	5.00	41	108141	54.230	ug/l	98
42) 1,2-Dichloroethane	6.16	62	216517	51.956	ug/l	100
43) Isopropyl Acetate	6.41	43	327261	52.783	ug/l	99
44) Trichloroethene	7.19	130	160014	49.412	ug/l	94
45) 1,2-Dichloropropane	7.49	63	147163	53.135	ug/l	98
46) Dibromomethane	7.63	93	104665	51.105	ug/l	97
47) Bromodichloromethane	7.87	83	212241	52.577	ug/l	99
48) Methyl methacrylate	7.74	41	161873	54.243	ug/l	98
49) 1,4-Dioxane	7.73	88	71211	1073.020	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1011555	283.863	ug/l	99
52) Toluene	8.76	92	382354	52.501	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238361	51.697	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	252131	52.002	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	153317	53.281	ug/l	98
56) Ethyl methacrylate	9.16	69	239261	55.049	ug/l	99
57) 1,3-Dichloropropane	9.35	76	257396	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626059	257.559	ug/l	98
59) 2-Hexanone	9.47	43	774140	285.388	ug/l	99
60) Dibromochloromethane	9.56	129	168520	53.964	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163686	53.195	ug/l	98
64) Tetrachloroethene	9.32	164	148060	47.919	ug/l	98
65) Chlorobenzene	10.12	112	405987	48.980	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	152276	51.031	ug/l	99
67) Ethyl Benzene	10.23	91	739987	50.101	ug/l	100
68) m/p-Xylenes	10.34	106	554569	100.041	ug/l	98
69) o-Xylene	10.68	106	268541	51.074	ug/l	99
70) Styrene	10.70	104	458962	51.159	ug/l	99
71) Bromoform	10.84	173	119393	50.464	ug/l	100
73) Isopropylbenzene	11.00	105	728105	51.919	ug/l	99
74) N-amyl acetate	10.88	43	284358	55.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	226598	51.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221552m	54.160	ug/l	
77) Bromobenzene	11.24	156	178322	51.234	ug/l	95
78) n-propylbenzene	11.34	91	838180	52.358	ug/l	100
79) 2-Chlorotoluene	11.40	91	493784	52.391	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	619446	52.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80806	52.011	ug/l	98
82) 4-Chlorotoluene	11.49	91	587357	51.034	ug/l	98
83) tert-Butylbenzene	11.76	119	597321	52.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620670	51.894	ug/l	100
85) sec-Butylbenzene	11.93	105	717219	52.716	ug/l	99
86) p-Isopropyltoluene	12.05	119	651482	51.879	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	311020	47.984	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	318062	47.141	ug/l	99
89) n-Butylbenzene	12.37	91	600114	50.841	ug/l	98
90) Hexachloroethane	12.58	117	112046	52.494	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	304392	48.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55409	51.643	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	212278	45.407	ug/l	99
94) Hexachlorobutadiene	13.76	225	87122	42.334	ug/l	98
95) Naphthalene	13.82	128	709952	48.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	208401	45.951	ug/l	98

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

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