

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018896.D
 Acq On : 10 Oct 2020 08:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:43 PM

Quant Time: Oct 11 23:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	177615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	284271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	262054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	154037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134974	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	5.46	113	96560	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	8.70	98	350296	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.12	95	133472	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	110160	52.370	ug/l	97
3) Chloromethane	1.31	50	84578	50.806	ug/l	99
4) Vinyl Chloride	1.39	62	98043	52.686	ug/l	96
5) Bromomethane	1.62	94	59854	57.751	ug/l	99
6) Chloroethane	1.71	64	62881	50.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	193460	52.742	ug/l	97
8) Diethyl Ether	2.17	74	52884	51.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88392	50.176	ug/l	97
10) Methyl Iodide	2.49	142	73931	40.746	ug/l	99
11) Tert butyl alcohol	3.01	59	115804	280.676	ug/l	99
12) 1,1-Dichloroethene	2.35	96	87619	53.405	ug/l	97
13) Acrolein	2.28	56	108424	315.846	ug/l	99
14) Allyl chloride	2.71	41	148777	50.025	ug/l	99
15) Acrylonitrile	3.12	53	234139	267.576	ug/l	99
16) Acetone	2.42	43	244583	247.296	ug/l	98
17) Carbon Disulfide	2.55	76	243477	50.620	ug/l	100
18) Methyl Acetate	2.75	43	134735	61.872	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	298133	54.207	ug/l	98
20) Methylene Chloride	2.84	84	100286	53.634	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	97793	51.401	ug/l	89
22) Diisopropyl ether	3.82	45	288826	54.263	ug/l	93
23) Vinyl Acetate	3.79	43	1372759	268.165	ug/l	100
24) 1,1-Dichloroethane	3.67	63	184390	51.525	ug/l	98
25) 2-Butanone	4.63	43	369276	260.255	ug/l	100
26) 2,2-Dichloropropane	4.55	77	112622	32.617	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	108353	51.284	ug/l	96
28) Bromochloromethane	4.98	49	82820	52.327	ug/l	94
29) Tetrahydrofuran	5.09	42	210768	276.863	ug/l	98
30) Chloroform	5.18	83	202643	51.396	ug/l	97
31) Cyclohexane	5.55	56	131276	53.653	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	192553	51.390	ug/l	99
36) 1,1-Dichloropropene	5.77	75	137909	46.141	ug/l	98
37) Ethyl Acetate	4.79	43	146050	50.602	ug/l	100
38) Carbon Tetrachloride	5.76	117	182467	49.255	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	131480	47.721	ug/l	95
40) Benzene	6.12	78	392283	48.853	ug/l	98
41) Methacrylonitrile	5.00	41	81612	48.742	ug/l	99
42) 1,2-Dichloroethane	6.17	62	181005	48.081	ug/l	100
43) Isopropyl Acetate	6.42	43	235427	49.081	ug/l	99
44) Trichloroethene	7.19	130	113167	46.994	ug/l	97
45) 1,2-Dichloropropane	7.49	63	104035	48.965	ug/l	96
46) Dibromomethane	7.64	93	75700	48.212	ug/l	99
47) Bromodichloromethane	7.88	83	166658	48.981	ug/l	97
48) Methyl methacrylate	7.74	41	121800	50.043	ug/l	99
49) 1,4-Dioxane	7.71	88	33310	976.040	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	751525	268.436	ug/l	100
52) Toluene	8.77	92	257591	49.988	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	167012	47.404	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	169026	46.637	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	104095	47.028	ug/l	97
56) Ethyl methacrylate	9.16	69	153680	47.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	178650	49.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	407014	254.153	ug/l	100
59) 2-Hexanone	9.47	43	558891	262.020	ug/l	99
60) Dibromochloromethane	9.57	129	133037	47.880	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115717	48.751	ug/l	100
64) Tetrachloroethene	9.32	164	104303	54.621	ug/l	92
65) Chlorobenzene	10.12	112	274414	48.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115810	49.570	ug/l	99
67) Ethyl Benzene	10.24	91	481957	50.448	ug/l	99
68) m/p-Xylenes	10.34	106	368903	101.636	ug/l	100
69) o-Xylene	10.68	106	170787	49.942	ug/l	100
70) Styrene	10.69	104	304411	52.581	ug/l	100
71) Bromoform	10.84	173	104318	51.623	ug/l #	99
73) Isopropylbenzene	11.00	105	493838	49.009	ug/l	100
74) N-amyl acetate	10.88	43	187338	46.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	152824	45.504	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	148730m	44.812	ug/l	
77) Bromobenzene	11.24	156	129075	46.632	ug/l	97
78) n-propylbenzene	11.34	91	540453	47.070	ug/l	100
79) 2-Chlorotoluene	11.40	91	338022	47.228	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	426878	49.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	46077	39.343	ug/l	95
82) 4-Chlorotoluene	11.49	91	409865	48.161	ug/l	99
83) tert-Butylbenzene	11.76	119	413181	47.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	429857	49.060	ug/l	98
85) sec-Butylbenzene	11.93	105	465388	47.860	ug/l	99
86) p-Isopropyltoluene	12.05	119	445900	48.335	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	235660	46.358	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	236447	45.920	ug/l	99
89) n-Butylbenzene	12.37	91	376591	46.983	ug/l	100
90) Hexachloroethane	12.58	117	80680	47.042	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	235750	48.720	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41817	48.685	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	152764	49.210	ug/l	94
94) Hexachlorobutadiene	13.77	225	63513	46.063	ug/l	96
95) Naphthalene	13.82	128	470140	45.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138429	45.578	ug/l	92

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

