

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018873.D
 Acq On : 09 Oct 2020 22:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:37 PM

Quant Time: Oct 10 07:15:59 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	190607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	288289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144142	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.47	113	104561	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.70	98	368252	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	150243	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119107	52.752	ug/l	98
3) Chloromethane	1.31	50	92939	52.023	ug/l	95
4) Vinyl Chloride	1.39	62	107184	53.673	ug/l	98
5) Bromomethane	1.63	94	64108	57.639	ug/l	98
6) Chloroethane	1.71	64	66775	49.925	ug/l	98
7) Trichlorofluoromethane	1.92	101	209431	53.205	ug/l	99
8) Diethyl Ether	2.17	74	58761	53.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97179	51.404	ug/l	97
10) Methyl Iodide	2.49	142	87852	44.690	ug/l	98
11) Tert butyl alcohol	3.01	59	121932	275.385	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93027	52.844	ug/l	99
13) Acrolein	2.27	56	98899	268.462	ug/l	99
14) Allyl chloride	2.71	41	167659	52.531	ug/l	99
15) Acrylonitrile	3.12	53	254556	271.080	ug/l	100
16) Acetone	2.42	43	258439	243.414	ug/l	98
17) Carbon Disulfide	2.55	76	261357	50.633	ug/l	99
18) Methyl Acetate	2.75	43	124145	53.123	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	320174	54.247	ug/l	98
20) Methylene Chloride	2.84	84	108227	53.933	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	105743	51.791	ug/l	98
22) Diisopropyl ether	3.82	45	307583	53.848	ug/l	91
23) Vinyl Acetate	3.78	43	1535753	279.556	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195776	50.978	ug/l	100
25) 2-Butanone	4.64	43	393718	258.568	ug/l	99
26) 2,2-Dichloropropane	4.56	77	165777	44.739	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	115186	50.802	ug/l	99
28) Bromochloromethane	4.98	49	84830	50.013	ug/l	98
29) Tetrahydrofuran	5.09	42	226924	277.768	ug/l	99
30) Chloroform	5.18	83	215881	51.021	ug/l	98
31) Cyclohexane	5.55	56	140391	53.467	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	204097	50.758	ug/l	100
36) 1,1-Dichloropropene	5.77	75	148824	47.789	ug/l	99
37) Ethyl Acetate	4.79	43	159613	53.074	ug/l	98
38) Carbon Tetrachloride	5.75	117	194628	50.423	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	144673	50.395	ug/l	96
40) Benzene	6.11	78	415720	49.687	ug/l	100
41) Methacrylonitrile	5.00	41	88630	50.802	ug/l	98
42) 1,2-Dichloroethane	6.16	62	193662	49.372	ug/l	99
43) Isopropyl Acetate	6.41	43	257074	51.436	ug/l	99
44) Trichloroethene	7.19	130	121807	48.545	ug/l	100
45) 1,2-Dichloropropane	7.49	63	109213	49.332	ug/l	96
46) Dibromomethane	7.64	93	81151	49.603	ug/l	99
47) Bromodichloromethane	7.87	83	174820	49.311	ug/l	95
48) Methyl methacrylate	7.74	41	132021	52.058	ug/l	100
49) 1,4-Dioxane	7.71	88	33436	940.284	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	811274	278.110	ug/l	99
52) Toluene	8.77	92	275381	51.288	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185093	50.421	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	189730	50.242	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	114631	49.703	ug/l	97
56) Ethyl methacrylate	9.16	69	166974	49.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	192263	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	450159	269.776	ug/l	100
59) 2-Hexanone	9.47	43	614409	276.450	ug/l	100
60) Dibromochloromethane	9.57	129	141128	48.747	ug/l	99
61) 1,2-Dibromoethane	9.65	107	126339	51.083	ug/l	99
64) Tetrachloroethene	9.32	164	110149	52.384	ug/l	91
65) Chlorobenzene	10.12	112	311142	49.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128095	49.838	ug/l	97
67) Ethyl Benzene	10.23	91	535624	50.963	ug/l	99
68) m/p-Xylenes	10.34	106	407908	102.155	ug/l	99
69) o-Xylene	10.68	106	194925	51.813	ug/l	98
70) Styrene	10.70	104	338886	53.209	ug/l	98
71) Bromoform	10.84	173	110210	49.576	ug/l #	98
73) Isopropylbenzene	11.00	105	552260	52.285	ug/l	99
74) N-amyl acetate	10.88	43	233768	55.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173883	49.392	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	168479m	48.426	ug/l	
77) Bromobenzene	11.24	156	144064	49.652	ug/l	97
78) n-propylbenzene	11.34	91	627917	52.171	ug/l	99
79) 2-Chlorotoluene	11.40	91	385268	51.352	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	472278	52.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	60695	49.440	ug/l	96
82) 4-Chlorotoluene	11.49	91	456666	51.191	ug/l	99
83) tert-Butylbenzene	11.76	119	466365	51.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	490748	53.433	ug/l	98
85) sec-Butylbenzene	11.93	105	533904	52.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	505701	52.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253071	47.493	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	267378	49.537	ug/l	98
89) n-Butylbenzene	12.37	91	427157	50.839	ug/l	100
90) Hexachloroethane	12.58	117	86625	48.185	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247947	48.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43957	48.821	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	160196	49.230	ug/l	98
94) Hexachlorobutadiene	13.77	225	69569	48.133	ug/l	98
95) Naphthalene	13.82	128	526267	48.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	164216	51.580	ug/l	99

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

