

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018559.D
 Acq On : 24 Sep 2020 10:00
 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
 9/28/2020 5:22:20 PM

Quant Time: Sep 25 01:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	421235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	610641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	582430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	315398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	286950	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.46	113	221273	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.70	98	801535	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	307147	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	205342	51.417	ug/l	99
3) Chloromethane	1.31	50	207217	44.320	ug/l	99
4) Vinyl Chloride	1.39	62	220079	44.462	ug/l	99
5) Bromomethane	1.64	94	142893	47.035	ug/l	98
6) Chloroethane	1.72	64	125958	44.463	ug/l	97
7) Trichlorofluoromethane	1.92	101	391740	52.096	ug/l	95
8) Diethyl Ether	2.17	74	121661	46.114	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205158	50.689	ug/l	99
10) Methyl Iodide	2.49	142	224116	45.268	ug/l	94
11) Tert butyl alcohol	3.04	59	202967	195.755	ug/l	100
12) 1,1-Dichloroethene	2.36	96	191603	46.969	ug/l	93
13) Acrolein	2.28	56	181544	276.526	ug/l	97
14) Allyl chloride	2.71	41	347609	43.972	ug/l	98
15) Acrylonitrile	3.12	53	526029	212.627	ug/l	98
16) Acetone	2.43	43	572268	251.109	ug/l	98
17) Carbon Disulfide	2.55	76	558315	45.827	ug/l	100
18) Methyl Acetate	2.75	43	248878	44.077	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	683358	47.720	ug/l	99
20) Methylene Chloride	2.84	84	217708	43.297	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	218088	46.000	ug/l	97
22) Diisopropyl ether	3.82	45	693911	46.699	ug/l	94
23) Vinyl Acetate	3.78	43	3040401	230.909	ug/l	100
24) 1,1-Dichloroethane	3.67	63	391946	45.737	ug/l	98
25) 2-Butanone	4.64	43	801329	225.794	ug/l	97
26) 2,2-Dichloropropane	4.55	77	377005	47.615	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	236145	44.439	ug/l	100
28) Bromochloromethane	4.98	49	181883	45.357	ug/l	99
29) Tetrahydrofuran	5.09	42	469616	209.946	ug/l	98
30) Chloroform	5.17	83	421951	48.529	ug/l	99
31) Cyclohexane	5.54	56	327474	45.411	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	393704	48.265	ug/l	98
36) 1,1-Dichloropropene	5.76	75	306770	51.759	ug/l	98
37) Ethyl Acetate	4.79	43	295563	46.699	ug/l	99
38) Carbon Tetrachloride	5.75	117	372757	56.787	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344052	51.669	ug/l	97
40) Benzene	6.11	78	858671	50.553	ug/l	99
41) Methacrylonitrile	5.00	41	168703	47.970	ug/l	98
42) 1,2-Dichloroethane	6.16	62	355352	53.776	ug/l	99
43) Isopropyl Acetate	6.40	43	492577	46.900	ug/l	99
44) Trichloroethene	7.18	130	249197	50.679	ug/l	95
45) 1,2-Dichloropropane	7.49	63	230789	49.503	ug/l	100
46) Dibromomethane	7.63	93	161768	50.505	ug/l	99
47) Bromodichloromethane	7.87	83	348780	54.031	ug/l	98
48) Methyl methacrylate	7.74	41	249123	48.732	ug/l	99
49) 1,4-Dioxane	7.75	88	84173	996.503	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1516673	242.533	ug/l	100
52) Toluene	8.76	92	559735	52.367	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	378007	51.535	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	393333	52.053	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	225461	50.834	ug/l	97
56) Ethyl methacrylate	9.16	69	328087	49.888	ug/l	98
57) 1,3-Dichloropropane	9.35	76	376011	50.460	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	936742	267.912	ug/l	99
59) 2-Hexanone	9.47	43	1196925	251.643	ug/l	98
60) Dibromochloromethane	9.56	129	281314	53.193	ug/l	99
61) 1,2-Dibromoethane	9.65	107	244790	51.873	ug/l	100
64) Tetrachloroethene	9.32	164	246108	53.672	ug/l	95
65) Chlorobenzene	10.12	112	618950	51.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	247355	51.414	ug/l	100
67) Ethyl Benzene	10.23	91	1086650	52.347	ug/l	98
68) m/p-Xylenes	10.34	106	830550	105.767	ug/l	99
69) o-Xylene	10.68	106	377579	50.777	ug/l	98
70) Styrene	10.70	104	673364	52.445	ug/l	98
71) Bromoform	10.84	173	207633	51.401	ug/l #	98
73) Isopropylbenzene	11.00	105	1087939	51.635	ug/l	99
74) N-amyl acetate	10.88	43	428857	45.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	327910	47.019	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	314400m	47.436	ug/l	
77) Bromobenzene	11.24	156	278585	47.920	ug/l	98
78) n-propylbenzene	11.34	91	1252133	50.770	ug/l	99
79) 2-Chlorotoluene	11.40	91	745031	49.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	937709	52.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118045	45.639	ug/l	96
82) 4-Chlorotoluene	11.49	91	910564	51.312	ug/l	99
83) tert-Butylbenzene	11.76	119	889321	50.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	951273	52.421	ug/l	98
85) sec-Butylbenzene	11.93	105	1059508	51.326	ug/l	100
86) p-Isopropyltoluene	12.05	119	1024777	54.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	515057	49.275	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	526369	49.664	ug/l	99
89) n-Butylbenzene	12.37	91	899555	51.219	ug/l	100
90) Hexachloroethane	12.58	117	185973	49.102	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	499034	51.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	80050	47.282	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	331939	48.750	ug/l	97
94) Hexachlorobutadiene	13.77	225	154308	54.005	ug/l	98
95) Naphthalene	13.82	128	1016964	49.455	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	335423	51.546	ug/l	99

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

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