

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018608.D
 Acq On : 25 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:51:37 PM

Quant Time: Sep 28 03:42:09 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	5.64	168	409146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	656977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	625123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314688	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	5.47	113	238689	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	8.70	98	800053	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	320990	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181047	46.673	ug/l	95
3) Chloromethane	1.31	50	189436	41.714	ug/l	97
4) Vinyl Chloride	1.39	62	215948	44.917	ug/l	97
5) Bromomethane	1.64	94	135458	45.906	ug/l	99
6) Chloroethane	1.72	64	130067	47.270	ug/l	97
7) Trichlorofluoromethane	1.92	101	373392	51.123	ug/l	99
8) Diethyl Ether	2.17	74	126393	49.323	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	185336	47.145	ug/l	100
10) Methyl Iodide	2.50	142	217244	45.186	ug/l	95
11) Tert butyl alcohol	3.04	59	211875	210.384	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188044	47.458	ug/l	90
13) Acrolein	2.28	56	107625	168.777	ug/l	99
14) Allyl chloride	2.71	41	346370	45.110	ug/l	96
15) Acrylonitrile	3.12	53	580472	241.566	ug/l	98
16) Acetone	2.43	43	493012	222.724	ug/l	96
17) Carbon Disulfide	2.56	76	522777	44.178	ug/l	100
18) Methyl Acetate	2.75	43	285420	52.042	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	729254	52.429	ug/l	99
20) Methylene Chloride	2.84	84	225580	46.188	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	207991	45.167	ug/l	94
22) Diisopropyl ether	3.82	45	716588	49.650	ug/l	99
23) Vinyl Acetate	3.79	43	3214119	251.315	ug/l	99
24) 1,1-Dichloroethane	3.67	63	395935	47.568	ug/l	97
25) 2-Butanone	4.64	43	802179	232.712	ug/l	99
26) 2,2-Dichloropropane	4.56	77	342253	44.503	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	239884	46.476	ug/l	97
28) Bromochloromethane	4.98	49	205346	52.721	ug/l	100
29) Tetrahydrofuran	5.09	42	513658	236.420	ug/l	97
30) Chloroform	5.18	83	428895	50.785	ug/l	95
31) Cyclohexane	5.55	56	305522	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	395928	49.972	ug/l	98
36) 1,1-Dichloropropene	5.78	75	290940	45.626	ug/l	98
37) Ethyl Acetate	4.79	43	321373	47.196	ug/l	99
38) Carbon Tetrachloride	5.76	117	354698	50.225	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	313450	43.753	ug/l	97
40) Benzene	6.12	78	861677	47.152	ug/l	99
41) Methacrylonitrile	5.00	41	182096	48.127	ug/l	100
42) 1,2-Dichloroethane	6.17	62	371465	52.249	ug/l	98
43) Isopropyl Acetate	6.41	43	548870	48.574	ug/l	99
44) Trichloroethene	7.19	130	247670	46.816	ug/l	91
45) 1,2-Dichloropropane	7.49	63	235306	46.912	ug/l	98
46) Dibromomethane	7.64	93	169434	49.167	ug/l	98
47) Bromodichloromethane	7.88	83	352654	50.778	ug/l	96
48) Methyl methacrylate	7.74	41	268476	48.814	ug/l	97
49) 1,4-Dioxane	7.76	88	58101	639.330	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1675169	248.985	ug/l	99
52) Toluene	8.76	92	543323	47.247	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	386701	49.002	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	396829	48.811	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	237581	49.789	ug/l	99
56) Ethyl methacrylate	9.16	69	360622	50.968	ug/l	98
57) 1,3-Dichloropropane	9.35	76	391427	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	953341	253.429	ug/l	99
59) 2-Hexanone	9.48	43	1254081	245.064	ug/l	100
60) Dibromochloromethane	9.57	129	288386	50.684	ug/l	97
61) 1,2-Dibromoethane	9.65	107	257216	50.662	ug/l	100
64) Tetrachloroethene	9.32	164	209996	42.669	ug/l	96
65) Chlorobenzene	10.12	112	605677	47.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253765	49.144	ug/l	98
67) Ethyl Benzene	10.24	91	1050965	47.170	ug/l	99
68) m/p-Xylenes	10.34	106	791215	93.877	ug/l	98
69) o-Xylene	10.68	106	372098	46.622	ug/l	97
70) Styrene	10.70	104	665039	48.259	ug/l	98
71) Bromoform	10.84	173	222332	51.281	ug/l	100
73) Isopropylbenzene	11.00	105	1046527	47.063	ug/l	99
74) N-amyl acetate	10.88	43	473870	47.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	357457	48.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	327869m	46.872	ug/l	
77) Bromobenzene	11.24	156	282392	46.026	ug/l	98
78) n-propylbenzene	11.34	91	1174699	45.131	ug/l	100
79) 2-Chlorotoluene	11.40	91	716410	45.471	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	898241	47.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118808	43.523	ug/l	96
82) 4-Chlorotoluene	11.49	91	854846	45.644	ug/l	100
83) tert-Butylbenzene	11.76	119	861150	46.639	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	911660	47.601	ug/l	98
85) sec-Butylbenzene	11.93	105	986752	45.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	943243	47.109	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	505564	45.829	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	505432	45.186	ug/l	99
89) n-Butylbenzene	12.37	91	819831	44.230	ug/l	99
90) Hexachloroethane	12.58	117	181466	45.397	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	485488	47.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90184	50.472	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	328962	45.777	ug/l	95
94) Hexachlorobutadiene	13.76	225	130580	43.302	ug/l	99
95) Naphthalene	13.82	128	1069750	49.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	326013	47.470	ug/l	98

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

