

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090820\
 Data File : VX018263.D
 Acq On : 08 Sep 2020 10:12
 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
 9/9/2020 8:48:23 PM

Quant Time: Sep 09 01:27:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	459102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	661796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	645099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	293596	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	5.46	113	226232	50.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	8.70	98	799262	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	325621	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	271492	48.570	ug/l	100
3) Chloromethane	1.31	50	239701	40.675	ug/l	100
4) Vinyl Chloride	1.39	62	259291	44.200	ug/l	98
5) Bromomethane	1.62	94	142908	50.506	ug/l	99
6) Chloroethane	1.70	64	155415	49.326	ug/l	97
7) Trichlorofluoromethane	1.91	101	445753	55.725	ug/l	95
8) Diethyl Ether	2.17	74	134331	49.519	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	223606	51.707	ug/l	98
10) Methyl Iodide	2.49	142	192484	42.490	ug/l	95
11) Tert butyl alcohol	3.02	59	258454	208.558	ug/l	98
12) 1,1-Dichloroethene	2.36	96	204632	45.610	ug/l	98
13) Acrolein	2.27	56	106032	206.351	ug/l	99
14) Allyl chloride	2.70	41	375256	46.554	ug/l	96
15) Acrylonitrile	3.11	53	596438	212.174	ug/l	99
16) Acetone	2.42	43	582391	234.503	ug/l	95
17) Carbon Disulfide	2.54	76	589319	43.451	ug/l	99
18) Methyl Acetate	2.75	43	283820	47.359	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	763915	49.648	ug/l	99
20) Methylene Chloride	2.83	84	237665	46.726	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	235554	47.388	ug/l	95
22) Diisopropyl ether	3.82	45	749029	47.081	ug/l	98
23) Vinyl Acetate	3.78	43	3306953	233.603	ug/l	99
24) 1,1-Dichloroethane	3.67	63	427461	47.200	ug/l	99
25) 2-Butanone	4.63	43	859453	210.570	ug/l	97
26) 2,2-Dichloropropane	4.54	77	423176	57.430	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	258953	45.215	ug/l	99
28) Bromochloromethane	4.98	49	187872	42.977	ug/l	94
29) Tetrahydrofuran	5.09	42	522131	200.956	ug/l	96
30) Chloroform	5.17	83	460506	49.108	ug/l	100
31) Cyclohexane	5.54	56	347832	45.595	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	435904	50.654	ug/l	100
36) 1,1-Dichloropropene	5.76	75	324961	53.237	ug/l	98
37) Ethyl Acetate	4.79	43	326255	46.019	ug/l	99
38) Carbon Tetrachloride	5.75	117	405158	58.898	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	366304	54.880	ug/l	97
40) Benzene	6.11	78	920604	51.327	ug/l	98
41) Methacrylonitrile	4.99	41	181757	46.692	ug/l	97
42) 1,2-Dichloroethane	6.15	62	387035	56.321	ug/l	96
43) Isopropyl Acetate	6.41	43	543198	47.438	ug/l	99
44) Trichloroethene	7.18	130	270931	53.459	ug/l	97
45) 1,2-Dichloropropane	7.49	63	249311	51.573	ug/l	99
46) Dibromomethane	7.63	93	175713	51.689	ug/l	98
47) Bromodichloromethane	7.87	83	374907	55.234	ug/l	99
48) Methyl methacrylate	7.74	41	270951	47.532	ug/l	98
49) 1,4-Dioxane	7.71	88	97237	941.705	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1689696	238.884	ug/l	100
52) Toluene	8.76	92	594685	52.288	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	410961	54.629	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	423013	53.082	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	248875	51.308	ug/l	96
56) Ethyl methacrylate	9.16	69	362375	50.254	ug/l	98
57) 1,3-Dichloropropane	9.35	76	406580	50.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	663774	204.628	ug/l	98
59) 2-Hexanone	9.47	43	1328973	247.093	ug/l	99
60) Dibromochloromethane	9.56	129	313792	55.146	ug/l	98
61) 1,2-Dibromoethane	9.65	107	269661	51.207	ug/l	98
64) Tetrachloroethene	9.32	164	275422	58.099	ug/l	95
65) Chlorobenzene	10.12	112	666054	51.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	276957	54.540	ug/l	99
67) Ethyl Benzene	10.23	91	1172352	53.506	ug/l	99
68) m/p-Xylenes	10.34	106	918826	112.353	ug/l	99
69) o-Xylene	10.68	106	422781	53.329	ug/l	96
70) Styrene	10.70	104	753665	55.824	ug/l	99
71) Bromoform	10.84	173	245551	56.691	ug/l #	99
73) Isopropylbenzene	11.00	105	1200012	50.786	ug/l	100
74) N-amyl acetate	10.88	43	492515	43.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	365638	43.866	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	355651m	44.631	ug/l	
77) Bromobenzene	11.24	156	324466	49.677	ug/l	94
78) n-propylbenzene	11.34	91	1385980	51.659	ug/l	100
79) 2-Chlorotoluene	11.40	91	823849	49.702	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1054292	54.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	137798	46.703	ug/l	95
82) 4-Chlorotoluene	11.49	91	1019321	51.728	ug/l	99
83) tert-Butylbenzene	11.76	119	999489	52.160	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1071088	53.954	ug/l	99
85) sec-Butylbenzene	11.93	105	1186814	54.464	ug/l	99
86) p-Isopropyltoluene	12.05	119	1135588	56.733	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	587266	51.212	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	595028	51.823	ug/l	97
89) n-Butylbenzene	12.37	91	1012288	55.409	ug/l	98
90) Hexachloroethane	12.58	117	221505	56.246	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	543579	50.357	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90710	43.523	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	366183	50.872	ug/l	97
94) Hexachlorobutadiene	13.77	225	173481	61.103	ug/l	99
95) Naphthalene	13.82	128	1168659	49.333	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372566	52.382	ug/l	96

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

