

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012572.D
 Acq On : 20 Sep 2019 21:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:45 AM

Quant Time: Sep 21 03:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127690	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	5.49	113	94628	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	8.71	98	348450	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.14	95	142463	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52219	45.310	ug/l	100
3) Chloromethane	1.32	50	46010	48.409	ug/l	97
4) Vinyl Chloride	1.40	62	51248	49.888	ug/l	99
5) Bromomethane	1.62	94	18310	45.368	ug/l	97
6) Chloroethane	1.70	64	35661	44.361	ug/l	92
7) Trichlorofluoromethane	1.92	101	94583	50.227	ug/l	97
8) Diethyl Ether	2.18	74	42061	49.451	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67264	49.368	ug/l	97
10) Methyl Iodide	2.50	142	58304	49.877	ug/l	97
11) Tert butyl alcohol	3.04	59	158936	253.020	ug/l	100
12) 1,1-Dichloroethene	2.36	96	54001	49.683	ug/l	98
13) Acrolein	2.28	56	53470	245.733	ug/l	99
14) Allyl chloride	2.72	41	127574	50.415	ug/l	99
15) Acrylonitrile	3.13	53	281376	262.063	ug/l	99
16) Acetone	2.44	43	264145	232.768	ug/l	100
17) Carbon Disulfide	2.56	76	62654	41.094	ug/l	99
18) Methyl Acetate	2.77	43	136030	52.686	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	305409	51.535	ug/l	98
20) Methylene Chloride	2.84	84	75613	50.425	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	57622	51.052	ug/l	94
22) Diisopropyl ether	3.84	45	305985	51.643	ug/l	98
23) Vinyl Acetate	3.80	43	1267051	259.967	ug/l	99
24) 1,1-Dichloroethane	3.69	63	147440	52.010	ug/l	98
25) 2-Butanone	4.66	43	417221	242.752	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117188	42.033	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	87774	52.058	ug/l	95
28) Bromochloromethane	5.00	49	74279	50.824	ug/l	96
29) Tetrahydrofuran	5.11	42	253038	266.501	ug/l	100
30) Chloroform	5.20	83	162107	49.791	ug/l	99
31) Cyclohexane	5.57	56	86152	50.343	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	137053	50.366	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87227	48.631	ug/l	98
37) Ethyl Acetate	4.82	43	145820	52.963	ug/l	99
38) Carbon Tetrachloride	5.78	117	108947	48.837	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	84999	48.747	ug/l	96
40) Benzene	6.14	78	292816	51.337	ug/l	99
41) Methacrylonitrile	5.03	41	89239	50.337	ug/l	98
42) 1,2-Dichloroethane	6.19	62	130757	49.427	ug/l	99
43) Isopropyl Acetate	6.44	43	251387	50.871	ug/l	100
44) Trichloroethene	7.21	130	78635	52.410	ug/l	98
45) 1,2-Dichloropropane	7.51	63	90542	51.669	ug/l	98
46) Dibromomethane	7.65	93	56933	50.206	ug/l	100
47) Bromodichloromethane	7.89	83	126230	49.994	ug/l	97
48) Methyl methacrylate	7.76	41	117123	50.280	ug/l	99
49) 1,4-Dioxane	7.73	88	59279	1045.594	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	836765	258.208	ug/l	99
52) Toluene	8.78	92	187884	51.120	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	131440	50.079	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	137503	50.604	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97086	51.273	ug/l	98
56) Ethyl methacrylate	9.17	69	155274	52.449	ug/l	97
57) 1,3-Dichloropropane	9.37	76	157305	52.068	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	434604	283.598	ug/l	99
59) 2-Hexanone	9.49	43	644248	254.819	ug/l	99
60) Dibromochloromethane	9.58	129	102590	53.190	ug/l	98
61) 1,2-Dibromoethane	9.67	107	91274	52.779	ug/l	99
64) Tetrachloroethene	9.33	164	74276	61.139	ug/l	91
65) Chlorobenzene	10.14	112	222631	50.879	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	95393	52.528	ug/l	99
67) Ethyl Benzene	10.25	91	390738	51.975	ug/l	99
68) m/p-Xylenes	10.36	106	286783	104.844	ug/l	99
69) o-Xylene	10.70	106	146125	51.945	ug/l	99
70) Styrene	10.71	104	268762	53.999	ug/l	98
71) Bromoform	10.86	173	72229	46.412	ug/l #	99
73) Isopropylbenzene	11.01	105	414426	51.860	ug/l	99
74) N-amyl acetate	10.89	43	226717	52.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162553	51.855	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133322m	45.571	ug/l	
77) Bromobenzene	11.25	156	102902	52.800	ug/l	98
78) n-propylbenzene	11.35	91	457637	51.382	ug/l	99
79) 2-Chlorotoluene	11.42	91	291365	50.285	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	350947	51.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47257	44.696	ug/l	96
82) 4-Chlorotoluene	11.51	91	338680	50.929	ug/l	100
83) tert-Butylbenzene	11.76	119	362883	49.691	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	358741	51.266	ug/l	99
85) sec-Butylbenzene	11.94	105	413416	51.374	ug/l	99
86) p-Isopropyltoluene	12.06	119	382744	51.797	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190609	51.993	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	195449	51.901	ug/l	99
89) n-Butylbenzene	12.39	91	321536	48.769	ug/l	99
90) Hexachloroethane	12.59	117	66530	49.103	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	202203	52.771	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44465	54.713	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131378	53.231	ug/l	99
94) Hexachlorobutadiene	13.78	225	53806	46.255	ug/l	99
95) Naphthalene	13.83	128	484353	55.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135790	53.991	ug/l	99

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

