

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014300.D
 Acq On : 27 Dec 2019 04:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:35 PM

Quant Time: Dec 27 07:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	748061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	272771	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	227442	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	875136	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	310400	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	182610	43.871	ug/l	100
3) Chloromethane	1.32	50	266413	47.692	ug/l	97
4) Vinyl Chloride	1.40	62	282373	47.906	ug/l	98
5) Bromomethane	1.63	94	188789	45.127	ug/l	96
6) Chloroethane	1.71	64	181514	49.895	ug/l	96
7) Trichlorofluoromethane	1.92	101	356427	48.848	ug/l	98
8) Diethyl Ether	2.18	74	167934	49.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210752	47.916	ug/l	99
10) Methyl Iodide	2.50	142	282061	48.700	ug/l	98
11) Tert butyl alcohol	3.03	59	319801	280.670	ug/l	98
12) 1,1-Dichloroethene	2.36	96	217614	48.622	ug/l	99
13) Acrolein	2.28	56	172884	265.062	ug/l	98
14) Allyl chloride	2.72	41	407778	51.029	ug/l	97
15) Acrylonitrile	3.13	53	728435	273.900	ug/l	100
16) Acetone	2.43	43	625720	182.775	ug/l	100
17) Carbon Disulfide	2.56	76	543033	43.799	ug/l	99
18) Methyl Acetate	2.76	43	385054	56.762	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767176	52.164	ug/l	98
20) Methylene Chloride	2.85	84	263572	48.891	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	237904	48.249	ug/l	99
22) Diisopropyl ether	3.84	45	857050	53.821	ug/l	98
23) Vinyl Acetate	3.80	43	3630115	279.345	ug/l	100
24) 1,1-Dichloroethane	3.69	63	449596	50.747	ug/l	99
25) 2-Butanone	4.65	43	1030949	244.260	ug/l	97
26) 2,2-Dichloropropane	4.58	77	249383	36.254	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	285698	51.233	ug/l	95
28) Bromochloromethane	5.00	49	194655	57.065	ug/l	96
29) Tetrahydrofuran	5.11	42	674917	285.891	ug/l	98
30) Chloroform	5.20	83	434790	51.769	ug/l	98
31) Cyclohexane	5.57	56	397992	50.508	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	358341	50.062	ug/l	99
36) 1,1-Dichloropropene	5.79	75	323966	47.199	ug/l	99
37) Ethyl Acetate	4.82	43	396153	52.265	ug/l	100
38) Carbon Tetrachloride	5.78	117	300956	48.130	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384542	45.372	ug/l	99
40) Benzene	6.14	78	1025596	48.562	ug/l	99
41) Methacrylonitrile	5.03	41	222561	52.920	ug/l	98
42) 1,2-Dichloroethane	6.19	62	347762	48.577	ug/l	100
43) Isopropyl Acetate	6.44	43	648105	51.667	ug/l	100
44) Trichloroethene	7.21	130	273520	46.889	ug/l	97
45) 1,2-Dichloropropane	7.51	63	275277	50.854	ug/l	97
46) Dibromomethane	7.65	93	171307	47.866	ug/l	99
47) Bromodichloromethane	7.89	83	337684	50.100	ug/l	100
48) Methyl methacrylate	7.76	41	319143	51.957	ug/l	99
49) 1,4-Dioxane	7.73	88	135509	1084.071	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2071253	262.922	ug/l	99
52) Toluene	8.78	92	639305	47.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	354793	48.005	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	397248	48.246	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	266681	49.846	ug/l	99
56) Ethyl methacrylate	9.17	69	432265	51.435	ug/l	99
57) 1,3-Dichloropropane	9.37	76	448360	49.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	861428	270.854	ug/l	99
59) 2-Hexanone	9.49	43	1572528	247.967	ug/l	100
60) Dibromochloromethane	9.57	129	269548	50.686	ug/l	99
61) 1,2-Dibromoethane	9.67	107	275400	50.311	ug/l	100
64) Tetrachloroethene	9.33	164	294271	49.295	ug/l	97
65) Chlorobenzene	10.14	112	680702	47.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257924	50.359	ug/l	98
67) Ethyl Benzene	10.25	91	1199221	48.628	ug/l	100
68) m/p-Xylenes	10.36	106	914816	96.449	ug/l	100
69) o-Xylene	10.70	106	449833	48.357	ug/l	99
70) Styrene	10.71	104	770677	48.994	ug/l	99
71) Bromoform	10.86	173	206453	50.147	ug/l	99
73) Isopropylbenzene	11.01	105	1182059	49.944	ug/l	100
74) N-amyl acetate	10.89	43	579088	52.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	405895	49.467	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	333938m	45.759	ug/l	
77) Bromobenzene	11.25	156	307873	47.279	ug/l	99
78) n-propylbenzene	11.35	91	1327042	49.988	ug/l	100
79) 2-Chlorotoluene	11.42	91	791643	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	979257	49.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	121087	46.832	ug/l	97
82) 4-Chlorotoluene	11.51	91	904039	48.296	ug/l	100
83) tert-Butylbenzene	11.76	119	950011	49.010	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	987450	49.503	ug/l	100
85) sec-Butylbenzene	11.94	105	1135790	49.634	ug/l	99
86) p-Isopropyltoluene	12.06	119	1036469	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536243	46.987	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	537645	46.331	ug/l	99
89) n-Butylbenzene	12.39	91	878290	49.174	ug/l	100
90) Hexachloroethane	12.59	117	184846	49.164	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	548753	47.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87564	48.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	357619	47.892	ug/l	99
94) Hexachlorobutadiene	13.78	225	166603	46.424	ug/l	97
95) Naphthalene	13.83	128	1150729	52.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369145	50.080	ug/l	99

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

