

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012491.D
 Acq On : 18 Sep 2019 22:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:06:12 PM

Quant Time: Sep 19 08:04:09 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	197698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	132525	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.48	113	98499	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	360051	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	148612	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	64897	49.208	ug/l	98
3) Chloromethane	1.32	50	54918	50.528	ug/l	98
4) Vinyl Chloride	1.40	62	60973	51.904	ug/l	96
5) Bromomethane	1.62	94	21442	46.459	ug/l	90
6) Chloroethane	1.71	64	41405	45.041	ug/l	100
7) Trichlorofluoromethane	1.92	101	114558	53.197	ug/l	94
8) Diethyl Ether	2.18	74	49939	51.343	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79246	50.861	ug/l	99
10) Methyl Iodide	2.50	142	64432	48.350	ug/l	97
11) Tert butyl alcohol	3.04	59	176644	245.741	ug/l	99
12) 1,1-Dichloroethene	2.36	96	64850	52.175	ug/l	95
13) Acrolein	2.28	56	61348	246.552	ug/l	99
14) Allyl chloride	2.72	41	148358	51.269	ug/l	99
15) Acrylonitrile	3.13	53	314496	256.141	ug/l	100
16) Acetone	2.44	43	292371	225.035	ug/l	100
17) Carbon Disulfide	2.56	76	81551	46.524	ug/l	97
18) Methyl Acetate	2.76	43	152866	51.775	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	352066	51.951	ug/l	97
20) Methylene Chloride	2.84	84	87748	51.172	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	69078	53.520	ug/l	96
22) Diisopropyl ether	3.84	45	352474	52.022	ug/l	99
23) Vinyl Acetate	3.80	43	1468417	263.462	ug/l	99
24) 1,1-Dichloroethane	3.69	63	172034	53.067	ug/l	98
25) 2-Butanone	4.66	43	461173	234.642	ug/l	98
26) 2,2-Dichloropropane	4.57	77	133239	41.791	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	101070	52.419	ug/l	95
28) Bromochloromethane	5.00	49	81092	48.521	ug/l	96
29) Tetrahydrofuran	5.11	42	282172	259.880	ug/l	99
30) Chloroform	5.20	83	189153	50.805	ug/l	99
31) Cyclohexane	5.57	56	101616	51.926	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	161884	52.024	ug/l	100
36) 1,1-Dichloropropene	5.79	75	103202	51.576	ug/l	97
37) Ethyl Acetate	4.83	43	167691	54.596	ug/l	99
38) Carbon Tetrachloride	5.78	117	131524	52.849	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101893	52.381	ug/l	97
40) Benzene	6.13	78	343044	53.912	ug/l	99
41) Methacrylonitrile	5.03	41	98738	49.925	ug/l	99
42) 1,2-Dichloroethane	6.18	62	152461	51.660	ug/l	100
43) Isopropyl Acetate	6.43	43	285680	51.821	ug/l	99
44) Trichloroethene	7.21	130	90567	54.108	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101457	51.899	ug/l	100
46) Dibromomethane	7.65	93	67539	53.388	ug/l	99
47) Bromodichloromethane	7.89	83	149786	53.177	ug/l	99
48) Methyl methacrylate	7.76	41	136681	52.597	ug/l	99
49) 1,4-Dioxane	7.73	88	63690	1007.005	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	937886	259.426	ug/l	99
52) Toluene	8.78	92	222907	54.366	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	155185	53.000	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161339	53.225	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	112204	53.118	ug/l	99
56) Ethyl methacrylate	9.17	69	176514	53.446	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179404	53.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	455133	266.223	ug/l	100
59) 2-Hexanone	9.49	43	714464	253.313	ug/l	98
60) Dibromochloromethane	9.58	129	119838	55.695	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106735	55.325	ug/l	99
64) Tetrachloroethene	9.33	164	80432	58.900	ug/l	97
65) Chlorobenzene	10.14	112	262448	53.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	112600	55.161	ug/l	100
67) Ethyl Benzene	10.25	91	453537	53.671	ug/l	98
68) m/p-Xylenes	10.35	106	337139	109.651	ug/l	98
69) o-Xylene	10.70	106	172233	54.470	ug/l	100
70) Styrene	10.71	104	308516	55.146	ug/l	99
71) Bromoform	10.85	173	86609	49.319	ug/l	99
73) Isopropylbenzene	11.01	105	477675	52.353	ug/l	98
74) N-amyl acetate	10.89	43	260535	53.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	186191	52.021	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172568m	51.661	ug/l	
77) Bromobenzene	11.25	156	121516	54.609	ug/l	97
78) n-propylbenzene	11.35	91	543079	53.404	ug/l	98
79) 2-Chlorotoluene	11.42	91	339808	51.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	411264	52.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54303	44.963	ug/l	97
82) 4-Chlorotoluene	11.51	91	400099	52.695	ug/l	100
83) tert-Butylbenzene	11.76	119	428710	51.416	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	427009	53.445	ug/l	100
85) sec-Butylbenzene	11.94	105	485404	52.830	ug/l	99
86) p-Isopropyltoluene	12.06	119	447882	53.086	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222401	53.132	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	225760	52.506	ug/l	100
89) n-Butylbenzene	12.39	91	382872	50.861	ug/l	99
90) Hexachloroethane	12.59	117	82282	53.189	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	230699	52.732	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49508	53.354	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	156388	55.497	ug/l	99
94) Hexachlorobutadiene	13.78	225	65752	49.506	ug/l	99
95) Naphthalene	13.83	128	582363	58.080	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	162055	56.434	ug/l	98

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

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