

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101119\
 Data File : VX013010.D
 Acq On : 11 Oct 2019 12:38
 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
 10/14/2019 10:39:26 AM

Quant Time: Oct 11 23:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	101309	48.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.48	113	79307	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	8.71	98	301228	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.13	95	122222	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82963	48.693	ug/l	100
3) Chloromethane	1.32	50	90202	48.646	ug/l	98
4) Vinyl Chloride	1.40	62	88583	46.284	ug/l	100
5) Bromomethane	1.63	94	38230	48.053	ug/l	96
6) Chloroethane	1.71	64	56996	48.763	ug/l	96
7) Trichlorofluoromethane	1.92	101	132717	51.377	ug/l	96
8) Diethyl Ether	2.18	74	52466	50.318	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86271	51.603	ug/l	99
10) Methyl Iodide	2.50	142	94551	49.929	ug/l	100
11) Tert butyl alcohol	3.03	59	111660	201.617	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83214	49.264	ug/l	94
13) Acrolein	2.28	56	100144	254.446	ug/l	100
14) Allyl chloride	2.72	41	146332	48.646	ug/l	98
15) Acrylonitrile	3.13	53	260820	248.511	ug/l	100
16) Acetone	2.43	43	243973	221.551	ug/l	100
17) Carbon Disulfide	2.56	76	212505	44.121	ug/l	100
18) Methyl Acetate	2.76	43	128744	49.324	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	307733	52.755	ug/l	100
20) Methylene Chloride	2.84	84	97916	48.382	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	88799	49.048	ug/l	98
22) Diisopropyl ether	3.84	45	298548	51.794	ug/l #	88
23) Vinyl Acetate	3.80	43	1295685	260.386	ug/l	100
24) 1,1-Dichloroethane	3.69	63	164433	50.708	ug/l	99
25) 2-Butanone	4.65	43	361087	236.350	ug/l	100
26) 2,2-Dichloropropane	4.57	77	135342	49.633	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	105889	50.740	ug/l	97
28) Bromochloromethane	5.00	49	52297	54.000	ug/l	98
29) Tetrahydrofuran	5.11	42	227963	242.479	ug/l	99
30) Chloroform	5.20	83	167699	50.400	ug/l	99
31) Cyclohexane	5.56	56	150812	49.736	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	144406	51.221	ug/l	99
36) 1,1-Dichloropropene	5.79	75	125985	51.388	ug/l	100
37) Ethyl Acetate	4.81	43	134965	49.232	ug/l	99
38) Carbon Tetrachloride	5.77	117	122523	51.345	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	158297	53.242	ug/l	97
40) Benzene	6.13	78	376898	52.051	ug/l	98
41) Methacrylonitrile	5.03	41	75008	49.794	ug/l	99
42) 1,2-Dichloroethane	6.18	62	136000	52.343	ug/l	99
43) Isopropyl Acetate	6.43	43	227163	51.628	ug/l	100
44) Trichloroethene	7.20	130	98476	49.044	ug/l	94
45) 1,2-Dichloropropane	7.50	63	96739	52.420	ug/l	99
46) Dibromomethane	7.65	93	64936	52.812	ug/l	98
47) Bromodichloromethane	7.89	83	129406	53.930	ug/l	97
48) Methyl methacrylate	7.76	41	110967	51.753	ug/l	100
49) 1,4-Dioxane	7.73	88	47341	828.964	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	690614	251.744	ug/l	100
52) Toluene	8.78	92	241751	52.187	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	143474	48.003	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158234	53.617	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	98010	53.462	ug/l	97
56) Ethyl methacrylate	9.17	69	161717	49.289	ug/l	99
57) 1,3-Dichloropropane	9.36	76	166641	52.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	367015	272.520	ug/l	100
59) 2-Hexanone	9.48	43	528002	247.250	ug/l	99
60) Dibromochloromethane	9.57	129	99030	48.596	ug/l	98
61) 1,2-Dibromoethane	9.67	107	102814	53.313	ug/l	99
64) Tetrachloroethene	9.33	164	91614	51.607	ug/l	95
65) Chlorobenzene	10.14	112	256109	50.389	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	92524	52.503	ug/l	99
67) Ethyl Benzene	10.25	91	465678	51.581	ug/l	99
68) m/p-Xylenes	10.35	106	348709	103.390	ug/l	100
69) o-Xylene	10.70	106	170107	51.719	ug/l	99
70) Styrene	10.71	104	298117	53.317	ug/l	99
71) Bromoform	10.85	173	68897	46.150	ug/l #	100
73) Isopropylbenzene	11.01	105	458837	51.109	ug/l	100
74) N-amyl acetate	10.89	43	198192	51.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	147765	49.487	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	125230m	46.239	ug/l	
77) Bromobenzene	11.25	156	104795	49.536	ug/l	95
78) n-propylbenzene	11.35	91	514852	52.118	ug/l	98
79) 2-Chlorotoluene	11.42	91	314811	50.707	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	383571	51.168	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47646	45.628	ug/l	98
82) 4-Chlorotoluene	11.51	91	372111	52.292	ug/l	99
83) tert-Butylbenzene	11.76	119	372299	50.913	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	395090	52.040	ug/l	99
85) sec-Butylbenzene	11.94	105	436411	51.513	ug/l	100
86) p-Isopropyltoluene	12.06	119	406377	51.720	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199117	50.684	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202011	50.773	ug/l	98
89) n-Butylbenzene	12.38	91	356768	54.026	ug/l	99
90) Hexachloroethane	12.59	117	68695	47.323	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	197311	51.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35091	50.140	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	128714	53.351	ug/l	99
94) Hexachlorobutadiene	13.78	225	58346	52.402	ug/l	99
95) Naphthalene	13.83	128	438247	52.401	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127918	51.307	ug/l	100

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

