

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012776.D
 Acq On : 03 Oct 2019 11:10
 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
 10/4/2019 9:18:11 AM

Quant Time: Oct 04 06:56:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	121428	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	93311	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	8.71	98	354837	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.13	95	140516	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	92978	46.858	ug/l	96
3) Chloromethane	1.32	50	97215	42.666	ug/l	98
4) Vinyl Chloride	1.40	62	107027	47.258	ug/l	98
5) Bromomethane	1.62	94	36209	40.664	ug/l	96
6) Chloroethane	1.70	64	67659	44.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	160664	50.527	ug/l	99
8) Diethyl Ether	2.18	74	61978	47.563	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105296	54.369	ug/l	96
10) Methyl Iodide	2.50	142	92385	45.748	ug/l	94
11) Tert butyl alcohol	3.04	59	146778	228.761	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99646	52.544	ug/l	93
13) Acrolein	2.28	56	74599	210.403	ug/l	98
14) Allyl chloride	2.72	41	185030	49.177	ug/l	97
15) Acrylonitrile	3.13	53	316071	242.811	ug/l	98
16) Acetone	2.44	43	347566	255.474	ug/l	95
17) Carbon Disulfide	2.56	76	247087	46.475	ug/l	99
18) Methyl Acetate	2.76	43	155406	48.512	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	363824	50.685	ug/l	97
20) Methylene Chloride	2.84	84	114633	49.817	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	108672	51.724	ug/l	98
22) Diisopropyl ether	3.84	45	363506	49.999	ug/l	93
23) Vinyl Acetate	3.80	43	1573808	246.847	ug/l	98
24) 1,1-Dichloroethane	3.68	63	200745	50.797	ug/l	98
25) 2-Butanone	4.65	43	466487	239.136	ug/l	95
26) 2,2-Dichloropropane	4.57	77	179268	51.004	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	124633	51.125	ug/l	93
28) Bromochloromethane	5.00	49	70219	48.935	ug/l	96
29) Tetrahydrofuran	5.11	42	279072	234.717	ug/l	96
30) Chloroform	5.20	83	204837	50.663	ug/l	98
31) Cyclohexane	5.56	56	181101	50.655	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	181955	50.778	ug/l	99
36) 1,1-Dichloropropene	5.78	75	153491	54.470	ug/l	97
37) Ethyl Acetate	4.81	43	167126	50.730	ug/l	97
38) Carbon Tetrachloride	5.77	117	155701	54.393	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	189731	55.928	ug/l	95
40) Benzene	6.13	78	450586	54.345	ug/l	98
41) Methacrylonitrile	5.03	41	92693	50.147	ug/l	95
42) 1,2-Dichloroethane	6.18	62	166945	53.024	ug/l	98
43) Isopropyl Acetate	6.43	43	276217	50.136	ug/l	97
44) Trichloroethene	7.20	130	119924	56.579	ug/l	91
45) 1,2-Dichloropropane	7.50	63	117964	55.572	ug/l	99
46) Dibromomethane	7.65	93	77658	53.733	ug/l	99
47) Bromodichloromethane	7.89	83	158146	54.750	ug/l	99
48) Methyl methacrylate	7.76	41	134806	51.030	ug/l	92
49) 1,4-Dioxane	7.73	88	63913	1066.667	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	862148	253.512	ug/l	95
52) Toluene	8.78	92	288433	55.350	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178306	55.792	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	195369	55.989	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	115689	55.841	ug/l	99
56) Ethyl methacrylate	9.17	69	189801	54.532	ug/l	91
57) 1,3-Dichloropropane	9.37	76	197785	54.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	373537	239.089	ug/l	100
59) 2-Hexanone	9.48	43	678826	260.774	ug/l	93
60) Dibromochloromethane	9.57	129	122913	58.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122096	56.627	ug/l	100
64) Tetrachloroethene	9.33	164	108831	58.873	ug/l	94
65) Chlorobenzene	10.14	112	304988	54.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	114814	56.756	ug/l	98
67) Ethyl Benzene	10.25	91	556580	54.963	ug/l	99
68) m/p-Xylenes	10.35	106	422230	111.307	ug/l	99
69) o-Xylene	10.70	106	204278	55.653	ug/l	99
70) Styrene	10.71	104	356859	57.994	ug/l	99
71) Bromoform	10.85	173	82226	58.375	ug/l #	99
73) Isopropylbenzene	11.01	105	553882	53.227	ug/l	99
74) N-amyl acetate	10.89	43	245401	49.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	183497	53.244	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173262m	51.265	ug/l	
77) Bromobenzene	11.25	156	125200	53.159	ug/l	97
78) n-propylbenzene	11.35	91	635369	54.233	ug/l	100
79) 2-Chlorotoluene	11.42	91	372806	51.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	460348	52.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59750	50.664	ug/l	98
82) 4-Chlorotoluene	11.51	91	436425	52.385	ug/l	99
83) tert-Butylbenzene	11.76	119	449326	53.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	475777	54.047	ug/l	100
85) sec-Butylbenzene	11.94	105	538749	55.026	ug/l	100
86) p-Isopropyltoluene	12.06	119	500305	56.631	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	237998	56.152	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238699	55.733	ug/l	99
89) n-Butylbenzene	12.39	91	438833	56.370	ug/l	99
90) Hexachloroethane	12.59	117	83514	53.025	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	234914	55.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43655	50.638	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154541	59.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	69860	62.752	ug/l	99
95) Naphthalene	13.83	128	529463	56.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	152386	58.785	ug/l	99

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

