

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011184.D
 Acq On : 30 Jul 2019 07:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:54 AM

Quant Time: Jul 30 08:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99465	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	5.49	113	88719	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	8.71	98	322078	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.13	95	123798	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79130	43.582	ug/l	97
3) Chloromethane	1.32	50	75122	47.898	ug/l	100
4) Vinyl Chloride	1.41	62	80914	50.580	ug/l	98
5) Bromomethane	1.64	94	40240	44.637	ug/l	98
6) Chloroethane	1.71	64	52499	51.641	ug/l	98
7) Trichlorofluoromethane	1.92	101	139681	51.582	ug/l	98
8) Diethyl Ether	2.19	74	48970	52.486	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75521	48.844	ug/l	98
10) Methyl Iodide	2.51	142	91933	45.309	ug/l	100
11) Tert butyl alcohol	3.06	59	105962	250.765	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74731	49.193	ug/l	98
13) Acrolein	2.29	56	54475	223.132	ug/l	99
14) Allyl chloride	2.73	41	107042	48.510	ug/l	99
15) Acrylonitrile	3.14	53	232741	272.577	ug/l	100
16) Acetone	2.45	43	194599	237.470	ug/l	99
17) Carbon Disulfide	2.57	76	157660	40.459	ug/l	100
18) Methyl Acetate	2.78	43	113475	60.814	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	263241	53.828	ug/l	98
20) Methylene Chloride	2.85	84	88297	50.844	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79079	49.060	ug/l	95
22) Diisopropyl ether	3.85	45	251886	54.124	ug/l	96
23) Vinyl Acetate	3.81	43	1033645	262.135	ug/l	100
24) 1,1-Dichloroethane	3.70	63	140903	52.133	ug/l	99
25) 2-Butanone	4.67	43	314776	267.590	ug/l	99
26) 2,2-Dichloropropane	4.58	77	67260	30.308	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	94606	50.714	ug/l	96
28) Bromochloromethane	5.01	49	65904	51.745	ug/l	99
29) Tetrahydrofuran	5.13	42	202149	271.291	ug/l	99
30) Chloroform	5.21	83	153465	52.532	ug/l	99
31) Cyclohexane	5.57	56	112393	45.623	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	132123	52.275	ug/l	99
36) 1,1-Dichloropropene	5.80	75	103721	48.715	ug/l	99
37) Ethyl Acetate	4.84	43	116712	53.533	ug/l	100
38) Carbon Tetrachloride	5.79	117	113732	51.262	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121062	43.846	ug/l	99
40) Benzene	6.14	78	328672	50.394	ug/l	98
41) Methacrylonitrile	5.04	41	65014	52.530	ug/l	97
42) 1,2-Dichloroethane	6.19	62	118630	52.313	ug/l	100
43) Isopropyl Acetate	6.44	43	191331	53.372	ug/l	99
44) Trichloroethene	7.21	130	92939	48.141	ug/l	96
45) 1,2-Dichloropropane	7.51	63	84879	51.132	ug/l	100
46) Dibromomethane	7.66	93	63047	53.152	ug/l	97
47) Bromodichloromethane	7.90	83	114842	54.389	ug/l	96
48) Methyl methacrylate	7.77	41	93848	53.739	ug/l	98
49) 1,4-Dioxane	7.74	88	51336	1050.884	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	657677	283.011	ug/l	99
52) Toluene	8.78	92	217265	50.709	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113368	49.934	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	123918	49.051	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95326	54.036	ug/l	99
56) Ethyl methacrylate	9.18	69	142951	55.397	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147261	52.620	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	333623	270.835	ug/l	99
59) 2-Hexanone	9.49	43	508359	282.042	ug/l	99
60) Dibromochloromethane	9.58	129	101296	49.898	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99788	53.300	ug/l	99
64) Tetrachloroethene	9.34	164	87753	46.328	ug/l	97
65) Chlorobenzene	10.13	112	246797	49.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92080	52.978	ug/l	96
67) Ethyl Benzene	10.25	91	425104	50.501	ug/l	99
68) m/p-Xylenes	10.36	106	327353	101.381	ug/l	99
69) o-Xylene	10.69	106	163504	51.885	ug/l	99
70) Styrene	10.71	104	279838	53.270	ug/l	99
71) Bromoform	10.85	173	77663	49.122	ug/l	98
73) Isopropylbenzene	11.02	105	435689	49.123	ug/l	100
74) N-amyl acetate	10.90	43	179442	52.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	153038	52.725	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	124084m	52.385	ug/l	
77) Bromobenzene	11.26	156	120521	49.263	ug/l	99
78) n-propylbenzene	11.36	91	485598	49.551	ug/l	99
79) 2-Chlorotoluene	11.42	91	292775	49.732	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	369280	49.827	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35897	39.319	ug/l	94
82) 4-Chlorotoluene	11.51	91	341827	49.888	ug/l	99
83) tert-Butylbenzene	11.77	119	373511	51.309	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	375943	50.328	ug/l	100
85) sec-Butylbenzene	11.94	105	432257	50.676	ug/l	100
86) p-Isopropyltoluene	12.06	119	403704	51.193	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213078	50.187	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211904	48.665	ug/l	99
89) n-Butylbenzene	12.38	91	335574	49.740	ug/l	100
90) Hexachloroethane	12.59	117	65187	52.409	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211117	50.173	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32691	53.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146050	51.216	ug/l	99
94) Hexachlorobutadiene	13.78	225	69456	49.150	ug/l	98
95) Naphthalene	13.83	128	465772	55.313	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148083	52.190	ug/l	99

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

