

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011017.D
 Acq On : 19 Jul 2019 20:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:24:18 PM

Quant Time: Jul 20 03:48:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125834	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	111360	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	418298	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	160412	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119248	47.337	ug/l	99
3) Chloromethane	1.32	50	102432	47.120	ug/l	99
4) Vinyl Chloride	1.41	62	107681	48.563	ug/l	99
5) Bromomethane	1.64	94	50084	40.082	ug/l	99
6) Chloroethane	1.71	64	65805	46.700	ug/l	94
7) Trichlorofluoromethane	1.92	101	181414	48.333	ug/l	98
8) Diethyl Ether	2.19	74	61599	47.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102435	47.798	ug/l	99
10) Methyl Iodide	2.51	142	118080	41.986	ug/l	100
11) Tert butyl alcohol	3.06	59	142553	243.393	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101691	48.295	ug/l	99
13) Acrolein	2.29	56	72562	214.432	ug/l	98
14) Allyl chloride	2.73	41	146022	47.743	ug/l	100
15) Acrylonitrile	3.14	53	293329	247.849	ug/l	100
16) Acetone	2.45	43	250843	220.844	ug/l	98
17) Carbon Disulfide	2.57	76	236281	43.746	ug/l	99
18) Methyl Acetate	2.78	43	127498	49.297	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	340169	50.184	ug/l	100
20) Methylene Chloride	2.85	84	115280	47.892	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107167	47.967	ug/l	93
22) Diisopropyl ether	3.86	45	315812	48.959	ug/l	90
23) Vinyl Acetate	3.82	43	1375005	251.578	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181697	48.502	ug/l	99
25) 2-Butanone	4.68	43	407066	249.660	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130457	42.412	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	124756	48.249	ug/l	98
28) Bromochloromethane	5.02	49	79044	44.776	ug/l	97
29) Tetrahydrofuran	5.13	42	262278	253.946	ug/l	99
30) Chloroform	5.21	83	195831	48.363	ug/l	100
31) Cyclohexane	5.58	56	158900	46.535	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	173195	49.439	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139839	47.799	ug/l	99
37) Ethyl Acetate	4.84	43	151552	50.590	ug/l	99
38) Carbon Tetrachloride	5.78	117	150055	49.222	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178155	46.958	ug/l	98
40) Benzene	6.14	78	431472	48.146	ug/l	98
41) Methacrylonitrile	5.04	41	82337	48.417	ug/l	99
42) 1,2-Dichloroethane	6.19	62	153108	49.137	ug/l	99
43) Isopropyl Acetate	6.45	43	246224	49.986	ug/l	99
44) Trichloroethene	7.21	130	124264	46.845	ug/l	95
45) 1,2-Dichloropropane	7.51	63	110313	48.364	ug/l	99
46) Dibromomethane	7.66	93	79025	48.486	ug/l	99
47) Bromodichloromethane	7.90	83	144376	49.763	ug/l	98
48) Methyl methacrylate	7.77	41	121189	50.503	ug/l	98
49) 1,4-Dioxane	7.74	88	64855	966.210	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	823826	258.001	ug/l	99
52) Toluene	8.78	92	281238	47.771	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	155724	49.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171505	49.406	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119321	49.225	ug/l	98
56) Ethyl methacrylate	9.18	69	186457	52.586	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187886	48.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	424596	250.854	ug/l	99
59) 2-Hexanone	9.49	43	644846	260.372	ug/l	99
60) Dibromochloromethane	9.58	129	127545	45.936	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127911	49.722	ug/l	99
64) Tetrachloroethene	9.34	164	121851	47.662	ug/l	98
65) Chlorobenzene	10.13	112	317863	47.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	119036	50.742	ug/l	100
67) Ethyl Benzene	10.25	91	561451	49.417	ug/l	100
68) m/p-Xylenes	10.36	106	432745	99.296	ug/l	100
69) o-Xylene	10.69	106	210091	49.394	ug/l	98
70) Styrene	10.71	104	359988	50.772	ug/l	99
71) Bromoform	10.85	173	95102	44.803	ug/l #	99
73) Isopropylbenzene	11.02	105	566940	48.315	ug/l	99
74) N-amyl acetate	10.90	43	228946	51.063	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	188166	49.000	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	158960m	50.724	ug/l	
77) Bromobenzene	11.26	156	154574	47.756	ug/l	98
78) n-propylbenzene	11.36	91	638520	49.248	ug/l	100
79) 2-Chlorotoluene	11.42	91	375186	48.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	484652	49.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52084	42.736	ug/l	96
82) 4-Chlorotoluene	11.51	91	445223	49.114	ug/l	99
83) tert-Butylbenzene	11.77	119	471919	48.999	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	489985	49.580	ug/l	100
85) sec-Butylbenzene	11.94	105	565005	50.066	ug/l	99
86) p-Isopropyltoluene	12.06	119	519756	49.818	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	271584	48.350	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271606	47.146	ug/l	99
89) n-Butylbenzene	12.38	91	446285	49.999	ug/l	100
90) Hexachloroethane	12.59	117	80866	49.141	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	268342	48.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41186	51.309	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184704	48.957	ug/l	98
94) Hexachlorobutadiene	13.78	225	88567	47.372	ug/l	99
95) Naphthalene	13.83	128	573540	51.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184687	49.199	ug/l	99

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

