

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009816.D
 Acq On : 22 May 2019 19:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:45:12 AM

Quant Time: May 23 08:20:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109887	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	5.50	113	78855	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
50) Toluene-d8	8.71	98	330080	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
62) 4-Bromofluorobenzene	11.13	95	118991	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67474	41.723	ug/l	99
3) Chloromethane	1.32	50	105915	47.971	ug/l	98
4) Vinyl Chloride	1.41	62	100558	46.707	ug/l	98
5) Bromomethane	1.64	94	65652	50.805	ug/l	98
6) Chloroethane	1.71	64	63472	45.918	ug/l	100
7) Trichlorofluoromethane	1.92	101	120454	46.027	ug/l	98
8) Diethyl Ether	2.19	74	56585	45.646	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70984	43.193	ug/l	99
10) Methyl Iodide	2.51	142	90446	47.609	ug/l	99
11) Tert butyl alcohol	3.06	59	128853	232.360	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74946	45.515	ug/l	95
13) Acrolein	2.29	56	104540	208.160	ug/l	100
14) Allyl chloride	2.73	41	185580	46.247	ug/l	99
15) Acrylonitrile	3.14	53	314291	231.797	ug/l	99
16) Acetone	2.45	43	281309	218.682	ug/l	95
17) Carbon Disulfide	2.57	76	220974	47.799	ug/l	100
18) Methyl Acetate	2.78	43	136775	44.708	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	295407	46.199	ug/l	99
20) Methylene Chloride	2.85	84	91399	43.882	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	81930	45.879	ug/l	99
22) Diisopropyl ether	3.85	45	361668	46.866	ug/l	96
23) Vinyl Acetate	3.82	43	1641778	248.443	ug/l	100
24) 1,1-Dichloroethane	3.70	63	173694	45.625	ug/l	99
25) 2-Butanone	4.68	43	474048	237.142	ug/l	98
26) 2,2-Dichloropropane	4.58	77	116831	41.230	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	96865	45.444	ug/l	99
28) Bromochloromethane	5.02	49	90128	59.323	ug/l	97
29) Tetrahydrofuran	5.13	42	314283	244.322	ug/l	98
30) Chloroform	5.21	83	158475	46.026	ug/l	98
31) Cyclohexane	5.58	56	165874	46.832	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131655	45.933	ug/l	99
36) 1,1-Dichloropropene	5.80	75	122085	45.551	ug/l	99
37) Ethyl Acetate	4.84	43	178985	47.930	ug/l	99
38) Carbon Tetrachloride	5.78	117	109318	44.892	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147769	44.894	ug/l	97
40) Benzene	6.14	78	375728	45.297	ug/l	99
41) Methacrylonitrile	5.04	41	101727	45.763	ug/l	98
42) 1,2-Dichloroethane	6.19	62	138413	46.519	ug/l	98
43) Isopropyl Acetate	6.45	43	283904	47.530	ug/l	98
44) Trichloroethene	7.21	130	87938	43.854	ug/l	93
45) 1,2-Dichloropropane	7.51	63	107052	45.579	ug/l	99
46) Dibromomethane	7.66	93	60492	44.352	ug/l	99
47) Bromodichloromethane	7.90	83	123682	45.460	ug/l	100
48) Methyl methacrylate	7.77	41	144602	48.795	ug/l	97
49) 1,4-Dioxane	7.74	88	52864	879.627	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	947095	242.584	ug/l	99
52) Toluene	8.78	92	230988	45.812	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145703	47.435	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156803	46.120	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93023	45.222	ug/l	96
56) Ethyl methacrylate	9.18	69	174137	47.424	ug/l	97
57) 1,3-Dichloropropane	9.37	76	164635	45.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	441450	226.623	ug/l	99
59) 2-Hexanone	9.49	43	722867	235.745	ug/l	97
60) Dibromochloromethane	9.58	129	93297	46.438	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95038	45.770	ug/l	100
64) Tetrachloroethene	9.34	164	78707	43.838	ug/l	98
65) Chlorobenzene	10.14	112	236974	45.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86125	45.370	ug/l	100
67) Ethyl Benzene	10.25	91	441008	45.766	ug/l	100
68) m/p-Xylenes	10.36	106	322921	91.703	ug/l	97
69) o-Xylene	10.69	106	159293	45.848	ug/l	99
70) Styrene	10.71	104	280071	46.379	ug/l	99
71) Bromoform	10.85	173	71875	46.593	ug/l #	100
73) Isopropylbenzene	11.02	105	420994	45.009	ug/l	99
74) N-amyl acetate	10.90	43	260053	47.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153408	43.996	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136817m	45.856	ug/l	
77) Bromobenzene	11.26	156	104000	44.797	ug/l	98
78) n-propylbenzene	11.36	91	490271	45.896	ug/l	100
79) 2-Chlorotoluene	11.42	91	291698	44.261	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	359945	45.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52228	44.789	ug/l	97
82) 4-Chlorotoluene	11.51	91	338172	45.422	ug/l	99
83) tert-Butylbenzene	11.77	119	343788	44.873	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	363563	45.991	ug/l	99
85) sec-Butylbenzene	11.94	105	405699	44.665	ug/l	100
86) p-Isopropyltoluene	12.06	119	372330	45.597	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185723	44.876	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184507	44.220	ug/l	100
89) n-Butylbenzene	12.38	91	339268	45.968	ug/l	100
90) Hexachloroethane	12.59	117	63584	45.706	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	183513	43.534	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34680	44.337	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	130315	45.207	ug/l	98
94) Hexachlorobutadiene	13.78	225	64915	44.099	ug/l	99
95) Naphthalene	13.83	128	423047	45.109	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130322	44.600	ug/l	99

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

