

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042419\
 Data File : VX009134.D
 Acq On : 24 Apr 2019 10:25
 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
 4/25/2019 12:34:08 PM

Quant Time: Apr 25 05:34:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138222	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.49	113	102181	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	397325	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	143875	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129009	56.970	ug/l	97
3) Chloromethane	1.32	50	140104	50.395	ug/l	100
4) Vinyl Chloride	1.41	62	145399	53.735	ug/l	98
5) Bromomethane	1.64	94	91131	53.491	ug/l	97
6) Chloroethane	1.71	64	85363	53.649	ug/l	97
7) Trichlorofluoromethane	1.92	101	177368	56.143	ug/l	98
8) Diethyl Ether	2.19	74	77618	53.722	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111921	55.408	ug/l	99
10) Methyl Iodide	2.51	142	101552	46.337	ug/l	100
11) Tert butyl alcohol	3.06	59	153022	248.804	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110242	52.288	ug/l	97
13) Acrolein	2.29	56	115102	216.598	ug/l	100
14) Allyl chloride	2.73	41	264330	57.465	ug/l	100
15) Acrylonitrile	3.14	53	412243	264.048	ug/l	100
16) Acetone	2.45	43	400702	278.877	ug/l	100
17) Carbon Disulfide	2.57	76	327614	52.807	ug/l	100
18) Methyl Acetate	2.78	43	192010	53.544	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	417353	55.555	ug/l	100
20) Methylene Chloride	2.85	84	126203	51.361	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	120451	53.562	ug/l	94
22) Diisopropyl ether	3.85	45	504549	56.448	ug/l	93
23) Vinyl Acetate	3.81	43	2263802	288.123	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248539	55.393	ug/l	100
25) 2-Butanone	4.67	43	629120	273.924	ug/l	98
26) 2,2-Dichloropropane	4.58	77	190989	56.786	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	139532	54.649	ug/l	99
28) Bromochloromethane	5.01	49	104902	56.540	ug/l	99
29) Tetrahydrofuran	5.13	42	408176	265.529	ug/l	99
30) Chloroform	5.21	83	224195	55.838	ug/l	98
31) Cyclohexane	5.57	56	249407	56.516	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	187671	56.396	ug/l	99
36) 1,1-Dichloropropene	5.80	75	178809	55.221	ug/l	99
37) Ethyl Acetate	4.83	43	235301	56.472	ug/l	99
38) Carbon Tetrachloride	5.78	117	158866	57.872	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231231	58.651	ug/l	100
40) Benzene	6.14	78	531773	55.668	ug/l	99
41) Methacrylonitrile	5.04	41	132426	55.377	ug/l	99
42) 1,2-Dichloroethane	6.19	62	189999	56.148	ug/l	99
43) Isopropyl Acetate	6.44	43	377353	56.199	ug/l	100
44) Trichloroethene	7.21	130	128360	54.841	ug/l	99
45) 1,2-Dichloropropane	7.51	63	151219	57.061	ug/l	100
46) Dibromomethane	7.66	93	84965	55.090	ug/l	100
47) Bromodichloromethane	7.90	83	173864	57.475	ug/l	98
48) Methyl methacrylate	7.77	41	187426	56.492	ug/l	99
49) 1,4-Dioxane	7.74	88	61912	997.004	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1161065	271.422	ug/l	99
52) Toluene	8.78	92	315674	55.139	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	204230	58.663	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	226686	58.152	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126800	55.884	ug/l	99
56) Ethyl methacrylate	9.18	69	228384	56.135	ug/l	99
57) 1,3-Dichloropropane	9.37	76	226496	56.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	642712	293.355	ug/l	99
59) 2-Hexanone	9.49	43	903746	274.026	ug/l	100
60) Dibromochloromethane	9.58	129	127828	58.782	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130728	55.824	ug/l	99
64) Tetrachloroethene	9.34	164	114971	55.334	ug/l	97
65) Chlorobenzene	10.13	112	318468	55.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	117656	57.853	ug/l	99
67) Ethyl Benzene	10.25	91	605803	57.405	ug/l	99
68) m/p-Xylenes	10.36	106	439543	114.605	ug/l	100
69) o-Xylene	10.69	106	210177	56.321	ug/l	99
70) Styrene	10.71	104	365567	56.529	ug/l	99
71) Bromoform	10.85	173	93629	57.787	ug/l #	99
73) Isopropylbenzene	11.02	105	574031	57.227	ug/l	100
74) N-amyl acetate	10.90	43	321897	55.891	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	195515	53.346	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172562m	53.403	ug/l	
77) Bromobenzene	11.26	156	137670	54.397	ug/l	99
78) n-propylbenzene	11.36	91	668904	58.100	ug/l	99
79) 2-Chlorotoluene	11.42	91	387764	55.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	483279	57.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70592	56.085	ug/l	99
82) 4-Chlorotoluene	11.51	91	452340	56.140	ug/l	100
83) tert-Butylbenzene	11.77	119	457177	56.572	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	486775	56.812	ug/l	99
85) sec-Butylbenzene	11.94	105	560388	58.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	516247	58.258	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	247441	55.862	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245568	54.690	ug/l	99
89) n-Butylbenzene	12.38	91	489403	59.303	ug/l	100
90) Hexachloroethane	12.60	117	86459	59.149	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	241380	55.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43620	52.273	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	180964	57.314	ug/l	99
94) Hexachlorobutadiene	13.78	225	92057	58.457	ug/l	100
95) Naphthalene	13.83	128	564367	55.790	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177637	57.020	ug/l	100

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

