

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052119\
 Data File : VX009770.D
 Acq On : 22 May 2019 00:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 9:37:27 AM

Quant Time: May 22 08:35:37 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	154928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109871	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	5.50	113	79594	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	327334	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	119376	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66866	46.835	ug/l	100
3) Chloromethane	1.32	50	98893	50.736	ug/l	100
4) Vinyl Chloride	1.41	62	99106	52.142	ug/l	98
5) Bromomethane	1.64	94	63921	56.031	ug/l	98
6) Chloroethane	1.71	64	66231	54.274	ug/l	97
7) Trichlorofluoromethane	1.92	101	116886	50.592	ug/l	100
8) Diethyl Ether	2.19	74	54593	49.885	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70060	48.289	ug/l	100
10) Methyl Iodide	2.51	142	71718	43.229	ug/l	98
11) Tert butyl alcohol	3.06	59	129120	263.747	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73937	50.862	ug/l	98
13) Acrolein	2.29	56	98134	221.341	ug/l	100
14) Allyl chloride	2.73	41	179255	50.600	ug/l	99
15) Acrylonitrile	3.14	53	309001	258.144	ug/l	100
16) Acetone	2.45	43	269566	237.368	ug/l	98
17) Carbon Disulfide	2.57	76	220437	54.012	ug/l	100
18) Methyl Acetate	2.78	43	132363	49.009	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286204	50.701	ug/l	98
20) Methylene Chloride	2.85	84	89723	48.795	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	81364	51.610	ug/l	100
22) Diisopropyl ether	3.85	45	352098	51.682	ug/l	97
23) Vinyl Acetate	3.81	43	1582901	271.327	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168892	50.253	ug/l	99
25) 2-Butanone	4.67	43	463884	262.860	ug/l	98
26) 2,2-Dichloropropane	4.59	77	100254	40.076	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	94325	50.126	ug/l	98
28) Bromochloromethane	5.01	49	87252	65.333	ug/l	97
29) Tetrahydrofuran	5.13	42	309195	272.271	ug/l	97
30) Chloroform	5.21	83	153956	50.649	ug/l	99
31) Cyclohexane	5.58	56	164167	52.503	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	127927	50.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	117714	49.615	ug/l	99
37) Ethyl Acetate	4.84	43	174452	52.774	ug/l	99
38) Carbon Tetrachloride	5.79	117	108889	50.514	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143824	49.361	ug/l	98
40) Benzene	6.14	78	366313	49.889	ug/l	98
41) Methacrylonitrile	5.04	41	99319	50.473	ug/l	98
42) 1,2-Dichloroethane	6.20	62	133360	50.632	ug/l	99
43) Isopropyl Acetate	6.45	43	276505	52.293	ug/l	99
44) Trichloroethene	7.21	130	85540	48.189	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104891	50.449	ug/l	100
46) Dibromomethane	7.66	93	59508	49.287	ug/l	100
47) Bromodichloromethane	7.90	83	120905	50.202	ug/l	99
48) Methyl methacrylate	7.77	41	139768	53.280	ug/l	97
49) 1,4-Dioxane	7.74	88	52717	990.919	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	935982	270.822	ug/l	98
52) Toluene	8.78	92	222974	49.956	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137557	50.589	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150277	49.932	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90698	49.808	ug/l	96
56) Ethyl methacrylate	9.18	69	169509	52.149	ug/l	96
57) 1,3-Dichloropropane	9.37	76	160829	50.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430768	249.813	ug/l	100
59) 2-Hexanone	9.49	43	723887	266.688	ug/l	97
60) Dibromochloromethane	9.58	129	90941	51.134	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93256	50.735	ug/l	100
64) Tetrachloroethene	9.34	164	79995	50.158	ug/l	98
65) Chlorobenzene	10.13	112	232156	49.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83056	49.256	ug/l	99
67) Ethyl Benzene	10.25	91	434362	50.744	ug/l	99
68) m/p-Xylenes	10.36	106	317328	101.446	ug/l	98
69) o-Xylene	10.69	106	154975	50.214	ug/l	98
70) Styrene	10.71	104	275415	51.343	ug/l	99
71) Bromoform	10.85	173	70438	51.403	ug/l #	99
73) Isopropylbenzene	11.02	105	414076	49.190	ug/l	99
74) N-amyl acetate	10.90	43	257106	52.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152653	48.645	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134336m	50.028	ug/l	
77) Bromobenzene	11.26	156	103423	49.500	ug/l	99
78) n-propylbenzene	11.36	91	479850	49.913	ug/l	100
79) 2-Chlorotoluene	11.42	91	286630	48.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	354472	50.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49293	46.969	ug/l	97
82) 4-Chlorotoluene	11.51	91	333692	49.801	ug/l	99
83) tert-Butylbenzene	11.77	119	334960	48.580	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	354191	49.785	ug/l	99
85) sec-Butylbenzene	11.94	105	402175	49.198	ug/l	100
86) p-Isopropyltoluene	12.06	119	364222	49.561	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182752	49.065	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184231	49.061	ug/l	100
89) n-Butylbenzene	12.38	91	328089	49.394	ug/l	100
90) Hexachloroethane	12.60	117	62531	49.944	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182559	48.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35886	50.977	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126033	48.581	ug/l	99
94) Hexachlorobutadiene	13.78	225	64462	48.658	ug/l	99
95) Naphthalene	13.83	128	420888	49.866	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130046	49.452	ug/l	99

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

