

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007388.D
 Acq On : 05 Feb 2019 20:18
 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
 2/6/2019 9:30:03 AM

Quant Time: Feb 06 02:22:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	431991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	605695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	345368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	222489	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	205632	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.71	98	777450	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	289525	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	260240	49.027	ug/l	96
3) Chloromethane	1.33	50	232530	47.789	ug/l	100
4) Vinyl Chloride	1.41	62	233312	48.877	ug/l	98
5) Bromomethane	1.64	94	189681	40.090	ug/l	99
6) Chloroethane	1.71	64	170050	55.069	ug/l	95
7) Trichlorofluoromethane	1.88	101	306602	41.059	ug/l	98
8) Diethyl Ether	2.20	74	141589	50.377	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.34	101	217372	48.938	ug/l	99
10) Methyl Iodide	2.48	142	295621	45.243	ug/l	99
11) Tert butyl alcohol	3.25	59	248714m	262.103	ug/l	
12) 1,1-Dichloroethene	2.34	96	198918	48.227	ug/l	97
13) Acrolein	2.31	56	105750	237.655	ug/l	99
14) Allyl chloride	2.71	41	273529	40.700	ug/l	89
15) Acrylonitrile	3.17	53	605144	257.790	ug/l	99
16) Acetone	2.49	43	522688	248.855	ug/l	99
17) Carbon Disulfide	2.53	76	441070	41.281	ug/l	100
18) Methyl Acetate	2.80	43	331943	60.530	ug/l	98
19) Methyl tert-butyl Ether	3.23	73	674425	50.471	ug/l	97
20) Methylene Chloride	2.84	84	221913	51.740	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	204613	46.569	ug/l	98
22) Diisopropyl ether	3.89	45	625052	50.562	ug/l	93
23) Vinyl Acetate	3.83	43	2314029	225.575	ug/l	100
24) 1,1-Dichloroethane	3.68	63	347910	49.007	ug/l	100
25) 2-Butanone	4.74	43	734229	245.636	ug/l	99
26) 2,2-Dichloropropane	4.57	77	215754	39.907	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	228161	47.543	ug/l	98
28) Bromochloromethane	5.02	49	151311	46.347	ug/l	100
29) Tetrahydrofuran	5.18	42	494401	262.989	ug/l	99
30) Chloroform	5.21	83	365312	49.313	ug/l	98
31) Cyclohexane	5.56	56	313278	49.133	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	309250	49.456	ug/l	99
36) 1,1-Dichloropropene	5.79	75	264091	46.388	ug/l	99
37) Ethyl Acetate	4.88	43	291728	50.691	ug/l	100
38) Carbon Tetrachloride	5.77	117	265474	48.065	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	327482	47.543	ug/l	98
40) Benzene	6.13	78	819324	48.856	ug/l	100
41) Methacrylonitrile	5.08	41	150608	48.829	ug/l	97
42) 1,2-Dichloroethane	6.20	62	278012	47.913	ug/l	98
43) Isopropyl Acetate	6.48	43	445281	50.127	ug/l	100
44) Trichloroethene	7.21	130	233549	46.240	ug/l	99
45) 1,2-Dichloropropane	7.51	63	205997	49.026	ug/l	97
46) Dibromomethane	7.66	93	141402	46.302	ug/l	98
47) Bromodichloromethane	7.90	83	247198	47.762	ug/l	100
48) Methyl methacrylate	7.78	41	229251	51.596	ug/l	100
49) 1,4-Dioxane	7.79	88	108561	1073.848	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1519303	259.812	ug/l	100
52) Toluene	8.78	92	519192	47.985	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	269471	48.471	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	298493	48.823	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	221554	49.123	ug/l	98
56) Ethyl methacrylate	9.19	69	317596	50.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	353012	49.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	812036	246.630	ug/l	100
59) 2-Hexanone	9.51	43	1192569	262.075	ug/l	100
60) Dibromochloromethane	9.59	129	213554	50.064	ug/l	97
61) 1,2-Dibromoethane	9.67	107	233774	48.944	ug/l	98
64) Tetrachloroethene	9.34	164	229817	40.256	ug/l	98
65) Chlorobenzene	10.14	112	595886	45.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	217027	48.975	ug/l	100
67) Ethyl Benzene	10.25	91	993104	46.657	ug/l	98
68) m/p-Xylenes	10.36	106	794442	93.894	ug/l	99
69) o-Xylene	10.70	106	392806	48.246	ug/l	99
70) Styrene	10.71	104	637285	48.265	ug/l	100
71) Bromoform	10.87	173	165912	43.277	ug/l	99
73) Isopropylbenzene	11.02	105	1030381	43.903	ug/l	98
74) N-amyl acetate	10.90	43	443458	48.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	359612	50.277	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	295205m	43.943	ug/l	
77) Bromobenzene	11.26	156	289731	43.814	ug/l	99
78) n-propylbenzene	11.36	91	1151463	44.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	693673	44.421	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	869411	45.279	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	87780	41.201	ug/l	97
82) 4-Chlorotoluene	11.51	91	813779	45.036	ug/l	100
83) tert-Butylbenzene	11.77	119	890792	46.859	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	901611	46.252	ug/l	99
85) sec-Butylbenzene	11.94	105	1046527	45.485	ug/l	100
86) p-Isopropyltoluene	12.07	119	939215	45.221	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	520006	43.817	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	526953	43.766	ug/l	99
89) n-Butylbenzene	12.39	91	768817	43.030	ug/l	99
90) Hexachloroethane	12.60	117	145212	46.716	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	544388	46.094	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72323	48.629	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	365664	45.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	170670	44.129	ug/l	99
95) Naphthalene	13.83	128	1169274	50.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	380770	47.493	ug/l	100

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

