

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003640.D
 Acq On : 24 Jul 2018 08:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:55:15 PM

Quant Time: Jul 24 09:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149600	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.51	113	144380	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	8.72	98	529148	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	194669	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92778	45.18	ug/l	100
3) Chloromethane	1.32	50	115421	45.30	ug/l	97
4) Vinyl Chloride	1.40	62	139346	42.47	ug/l	93
5) Bromomethane	1.64	94	64127	49.08	ug/l	98
6) Chloroethane	1.72	64	87346	44.99	ug/l	97
7) Trichlorofluoromethane	1.92	101	201335	45.99	ug/l	99
8) Diethyl Ether	2.19	74	85983	45.73	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125373	43.76	ug/l	93
10) Methyl Iodide	2.51	142	187042	54.34	ug/l	91
11) Tert butyl alcohol	3.08	59	151900	251.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120973	45.86	ug/l	83
13) Acrolein	2.29	56	19552	71.53	ug/l	98
14) Allyl chloride	2.73	41	177707	38.05	ug/l #	85
15) Acrylonitrile	3.15	53	357305	231.97	ug/l	98
16) Acetone	2.45	43	281209	243.50	ug/l #	87
17) Carbon Disulfide	2.57	76	298532	41.84	ug/l	98
18) Methyl Acetate	2.78	43	189448	52.04	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	416918	48.40	ug/l	100
20) Methylene Chloride	2.86	84	138980	49.20	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	132123	45.01	ug/l	90
22) Diisopropyl ether	3.87	45	407566	46.38	ug/l	96
23) Vinyl Acetate	3.83	43	1551329	214.32	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	241748	46.89	ug/l	98
25) 2-Butanone	4.71	43	471280	243.22	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	69933	17.86	ug/l	83
27) cis-1,2-Dichloroethene	4.60	96	154893	47.39	ug/l	90
28) Bromochloromethane	5.02	49	102947	45.68	ug/l #	75
29) Tetrahydrofuran	5.17	42	306383	239.36	ug/l #	87
30) Chloroform	5.22	83	249084	49.48	ug/l	98
31) Cyclohexane	5.57	56	202943	44.05	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	215846	50.07	ug/l	96
36) 1,1-Dichloropropene	5.80	75	178976	45.40	ug/l	96
37) Ethyl Acetate	4.87	43	177484	47.58	ug/l #	93
38) Carbon Tetrachloride	5.78	117	195674	50.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208628	44.68	ug/l	93
40) Benzene	6.15	78	570420	47.92	ug/l	98
41) Methacrylonitrile	5.07	41	102937	46.95	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	181685	48.45	ug/l	93
43) Isopropyl Acetate	6.47	43	286359	48.26	ug/l #	91
44) Trichloroethene	7.22	130	178750	50.36	ug/l	95
45) 1,2-Dichloropropane	7.52	63	145999	48.31	ug/l	100
46) Dibromomethane	7.67	93	98753	50.75	ug/l	91
47) Bromodichloromethane	7.90	83	183323	51.47	ug/l	98
48) Methyl methacrylate	7.78	41	147763	49.38	ug/l #	81
49) 1,4-Dioxane	7.76	88	72550	1069.99	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	952078	253.96	ug/l	89
52) Toluene	8.79	92	372497	49.72	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	197516	45.05	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	176513	44.77	ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	153211	51.39	ug/l	97
56) Ethyl methacrylate	9.18	69	216093	51.46	ug/l #	78
57) 1,3-Dichloropropane	9.37	76	243069	50.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	484061	237.07	ug/l	93
59) 2-Hexanone	9.50	43	711523	256.16	ug/l	86
60) Dibromochloromethane	9.59	129	162530	55.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	159494	51.61	ug/l	99
64) Tetrachloroethene	9.34	164	218828	53.34	ug/l	98
65) Chlorobenzene	10.14	112	432533	49.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160125	53.64	ug/l	99
67) Ethyl Benzene	10.26	91	700110	50.19	ug/l	99
68) m/p-Xylenes	10.36	106	559231	102.26	ug/l	94
69) o-Xylene	10.70	106	272968	51.62	ug/l	93
70) Styrene	10.71	104	462079	53.12	ug/l	96
71) Bromoform	10.86	173	133097	57.39	ug/l	99
73) Isopropylbenzene	11.02	105	726195	49.81	ug/l	99
74) N-amyl acetate	6.47	43	286359	46.26	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	213281	49.92	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	185436m	48.97	ug/l	
77) Bromobenzene	11.26	156	209251	49.90	ug/l	93
78) n-propylbenzene	11.37	91	798613	49.28	ug/l	97
79) 2-Chlorotoluene	11.43	91	479073	48.69	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	602587	50.29	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	44496	34.16	ug/l	88
82) 4-Chlorotoluene	11.51	91	559930	48.57	ug/l	96
83) tert-Butylbenzene	11.77	119	588515	50.15	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	619747	50.83	ug/l	97
85) sec-Butylbenzene	11.95	105	709057	49.75	ug/l	99
86) p-Isopropyltoluene	12.07	119	649506	50.78	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	375872	48.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	377478	47.54	ug/l	98
89) n-Butylbenzene	12.39	91	508802	46.85	ug/l	98
90) Hexachloroethane	12.60	117	91271	50.20	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	381388	50.20	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43832	52.72	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275622	49.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	129013	48.18	ug/l	99
95) Naphthalene	13.83	128	793805	54.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	285621	51.82	ug/l	100

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

