

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101118\
 Data File : VX005279.D
 Acq On : 12 Oct 2018 02:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:13 PM

Quant Time: Oct 12 08:16:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134374	37.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.90%	
35) Dibromofluoromethane	5.49	113	118776	42.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.30%	
50) Toluene-d8	8.71	98	361587	39.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.10%	
62) 4-Bromofluorobenzene	11.14	95	140428	42.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	174099	50.84	ug/l	99
3) Chloromethane	1.32	50	188159	45.29	ug/l	93
4) Vinyl Chloride	1.40	62	201923	51.82	ug/l	89
5) Bromomethane	1.64	94	108294	46.87	ug/l	91
6) Chloroethane	1.71	64	109161	51.47	ug/l	95
7) Trichlorofluoromethane	1.92	101	245567	50.91	ug/l	95
8) Diethyl Ether	2.18	74	100515	47.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133520	48.59	ug/l	97
10) Methyl Iodide	2.50	142	143289	38.97	ug/l	93
11) Tert butyl alcohol	3.08	59	229165	228.45	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128203	47.11	ug/l	86
13) Acrolein	2.29	56	90986	127.48	ug/l	94
14) Allyl chloride	2.73	41	274564	46.24	ug/l	96
15) Acrylonitrile	3.15	53	536275	242.84	ug/l	94
16) Acetone	2.45	43	467475	223.19	ug/l	98
17) Carbon Disulfide	2.56	76	357166	43.68	ug/l	100
18) Methyl Acetate	2.78	43	290504	54.74	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	464475	49.48	ug/l	98
20) Methylene Chloride	2.85	84	152490	50.07	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	136824	45.93	ug/l	95
22) Diisopropyl ether	3.87	45	513243	51.33	ug/l	93
23) Vinyl Acetate	3.82	43	2245024	245.30	ug/l	100
24) 1,1-Dichloroethane	3.69	63	273067	45.78	ug/l	99
25) 2-Butanone	4.71	43	724082	234.53	ug/l	94
26) 2,2-Dichloropropane	4.58	77	138253	33.29	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	160536	48.24	ug/l	96
28) Bromochloromethane	5.01	49	104083	37.06	ug/l	99
29) Tetrahydrofuran	5.17	42	485873	253.20	ug/l	97
30) Chloroform	5.22	83	270091	47.92	ug/l	97
31) Cyclohexane	5.57	56	233421	51.13	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	222217	48.27	ug/l	98
36) 1,1-Dichloropropene	5.79	75	192309	50.61	ug/l	97
37) Ethyl Acetate	4.87	43	267259	52.99	ug/l	98
38) Carbon Tetrachloride	5.78	117	194938	48.81	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190904	49.20	ug/l #	84
40) Benzene	6.15	78	570000	47.92	ug/l	97
41) Methacrylonitrile	5.07	41	153006	54.70	ug/l	96
42) 1,2-Dichloroethane	6.20	62	199248	47.38	ug/l	98
43) Isopropyl Acetate	6.46	43	350713	48.18	ug/l	97
44) Trichloroethene	7.21	130	141341	48.33	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138024	47.31	ug/l	98
46) Dibromomethane	7.66	93	89405	48.77	ug/l	99
47) Bromodichloromethane	7.90	83	174432	50.82	ug/l	100
48) Methyl methacrylate	7.78	41	174697	52.87	ug/l	99
49) 1,4-Dioxane	7.76	88	75749	922.76	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1237646	270.01	ug/l	98
52) Toluene	8.79	92	321773	49.23	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	186419	48.06	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	199740	49.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	134896	47.11	ug/l	96
56) Ethyl methacrylate	9.18	69	212035	45.89	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224810	47.18	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	450112	186.30	ug/l	99
59) 2-Hexanone	9.50	43	943404	246.98	ug/l	95
60) Dibromochloromethane	9.59	129	144409	50.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139067	45.35	ug/l	94
64) Tetrachloroethene	9.34	164	139172	45.76	ug/l	95
65) Chlorobenzene	10.14	112	366577	46.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	136269	48.92	ug/l	99
67) Ethyl Benzene	10.25	91	620441	49.32	ug/l	95
68) m/p-Xylenes	10.36	106	484913	98.65	ug/l	96
69) o-Xylene	10.70	106	232977	51.60	ug/l	100
70) Styrene	10.71	104	398672	47.33	ug/l	100
71) Bromoform	10.86	173	123915	51.96	ug/l #	97
73) Isopropylbenzene	11.02	105	634826	57.75	ug/l	99
74) N-amyl acetate	10.90	43	309138	51.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228479	51.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	208094m	53.24	ug/l	
77) Bromobenzene	11.26	156	174817	54.76	ug/l	97
78) n-propylbenzene	11.36	91	724978	57.48	ug/l	100
79) 2-Chlorotoluene	11.42	91	435678	55.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548171	54.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59230	41.67	ug/l	99
82) 4-Chlorotoluene	11.51	91	515164	55.67	ug/l	100
83) tert-Butylbenzene	11.77	119	548685	60.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	561773	54.09	ug/l	99
85) sec-Butylbenzene	11.94	105	651980	59.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	588827	58.96	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319891	53.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325118	52.83	ug/l	100
89) n-Butylbenzene	12.39	91	508291	56.04	ug/l	99
90) Hexachloroethane	12.60	117	97999	58.93	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	325271	52.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55035	56.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248975	56.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	123564	54.52	ug/l	100
95) Naphthalene	13.83	128	787192	54.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260501	57.70	ug/l	99

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

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