

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000712.D
 Acq On : 07 Apr 2018 12:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:10 PM

Quant Time: Apr 07 16:52:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	322962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	246768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	177804	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	146333	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.73	98	537251	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.15	95	217821	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	144854	50.000	ug/l	100
3) Chloromethane	1.32	50	119120	50.000	ug/l	100
4) Vinyl Chloride	1.41	62	124433	50.000	ug/l	100
5) Bromomethane	1.64	94	68784	50.000	ug/l	100
6) Chloroethane	1.73	64	75991	50.000	ug/l	100
7) Trichlorofluoromethane	1.93	101	203702	50.000	ug/l	100
8) Diethyl Ether	2.20	74	75922	50.000	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119356	50.000	ug/l	100
10) Methyl Iodide	2.52	142	130301	50.000	ug/l	100
11) Tert butyl alcohol	3.08	59	166253	250.000	ug/l	100
12) 1,1-Dichloroethene	2.38	96	107428	50.000	ug/l	100
13) Acrolein	2.30	56	64238	250.000	ug/l	100
14) Allyl chloride	2.73	41	214588	50.000	ug/l	100
15) Acrylonitrile	3.16	53	332596	250.000	ug/l	100
16) Acetone	2.45	43	279185	250.000	ug/l	100
17) Carbon Disulfide	2.57	76	255331	50.000	ug/l	100
18) Methyl Acetate	2.78	43	177728	50.000	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	415085	50.000	ug/l	100
20) Methylene Chloride	2.86	84	122721	50.000	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	115138	50.000	ug/l	100
22) Diisopropyl ether	3.88	45	441493	50.000	ug/l	100
23) Vinyl Acetate	3.83	43	1919320	250.000	ug/l	100
24) 1,1-Dichloroethane	3.70	63	229854	50.000	ug/l	100
25) 2-Butanone	4.71	43	514388	250.000	ug/l	100
26) 2,2-Dichloropropane	4.59	77	228342	50.000	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	147914	50.000	ug/l	100
28) Bromochloromethane	5.03	49	101441	50.000	ug/l	100
29) Tetrahydrofuran	5.18	42	328148	250.000	ug/l	100
30) Chloroform	5.23	83	247000	50.000	ug/l	100
31) Cyclohexane	5.59	56	191871	50.000	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	235380	50.000	ug/l	100
36) 1,1-Dichloropropene	5.81	75	177468	50.000	ug/l	100
37) Ethyl Acetate	4.87	43	201466	50.000	ug/l	100
38) Carbon Tetrachloride	5.79	117	215414	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203956	50.000	ug/l	100
40) Benzene	6.15	78	517436	50.000	ug/l	100
41) Methacrylonitrile	5.07	41	118692	50.000	ug/l	100
42) 1,2-Dichloroethane	6.21	62	206012	50.000	ug/l	100
43) Isopropyl Acetate	6.48	43	353816	50.000	ug/l	100
44) Trichloroethene	7.22	130	159163	50.000	ug/l	100
45) 1,2-Dichloropropane	7.52	63	139504	50.000	ug/l	100
46) Dibromomethane	7.67	93	95625	50.000	ug/l	100
47) Bromodichloromethane	7.91	83	201785	50.000	ug/l	100
48) Methyl methacrylate	7.79	41	181612	50.000	ug/l	100
49) 1,4-Dioxane	7.76	88	73617	1000.000	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1052207	250.000	ug/l	100
52) Toluene	8.79	92	345616	50.000	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	239647	50.000	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241210	50.000	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	142868	50.000	ug/l	100
56) Ethyl methacrylate	9.19	69	232254	50.000	ug/l	100
57) 1,3-Dichloropropane	9.38	76	229645	50.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	491762	250.000	ug/l	100
59) 2-Hexanone	9.51	43	809078	250.000	ug/l	100
60) Dibromochloromethane	9.59	129	179513	50.000	ug/l	100
61) 1,2-Dibromoethane	9.68	107	151992	50.000	ug/l	100
64) Tetrachloroethene	9.34	164	156167	50.000	ug/l	100
65) Chlorobenzene	10.15	112	411926	50.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	162068	50.000	ug/l	100
67) Ethyl Benzene	10.26	91	691591	50.000	ug/l	100
68) m/p-Xylenes	10.37	106	540669	100.000	ug/l	100
69) o-Xylene	10.71	106	265409	50.000	ug/l	100
70) Styrene	10.72	104	453722	50.000	ug/l	100
71) Bromoform	10.87	173	158982	50.000	ug/l	# 100
73) Isopropylbenzene	11.02	105	719480	50.000	ug/l	100
74) N-amyl acetate	6.48	43	353816	50.000	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	215239	50.000	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	208270m	50.000	ug/l	
77) Bromobenzene	11.26	156	205997	50.000	ug/l	100
78) n-propylbenzene	11.37	91	817620	50.000	ug/l	100
79) 2-Chlorotoluene	11.43	91	485337	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	619049	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	80014	50.017	ug/l	100
82) 4-Chlorotoluene	11.52	91	586776	50.000	ug/l	100
83) tert-Butylbenzene	11.78	119	638689	50.000	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	641337	50.000	ug/l	100
85) sec-Butylbenzene	11.95	105	748522	50.000	ug/l	100
86) p-Isopropyltoluene	12.07	119	697631	50.000	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382866	50.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	389833	50.000	ug/l	100
89) n-Butylbenzene	12.40	91	618006	50.000	ug/l	100
90) Hexachloroethane	12.60	117	127622	50.000	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	377357	50.000	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57772	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	316724	50.000	ug/l	100
94) Hexachlorobutadiene	13.79	225	155408	50.000	ug/l	100
95) Naphthalene	13.84	128	859366	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	309812	50.000	ug/l	100

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

