

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000750.D
 Acq On : 10 Apr 2018 14:37
 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

MMDadoda
 4/11/2018 11:20:43 AM

Quant Time: Apr 10 15:22:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232080	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163700	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	140131	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	508038	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.15	95	205573	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	157160	50.00	ug/l	100
3) Chloromethane	1.32	50	132085	50.00	ug/l	100
4) Vinyl Chloride	1.40	62	148609	50.00	ug/l	100
5) Bromomethane	1.64	94	61383	50.00	ug/l	100
6) Chloroethane	1.73	64	86138	50.00	ug/l	100
7) Trichlorofluoromethane	1.93	101	222859	50.00	ug/l	100
8) Diethyl Ether	2.19	74	80906	50.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128639	50.00	ug/l	100
10) Methyl Iodide	2.51	142	90047	50.00	ug/l	100
11) Tert butyl alcohol	3.07	59	152795	250.00	ug/l	100
12) 1,1-Dichloroethene	2.38	96	122496	50.00	ug/l	100
13) Acrolein	2.29	56	73332	250.00	ug/l	100
14) Allyl chloride	2.73	41	227109	50.00	ug/l	100
15) Acrylonitrile	3.15	53	327761	250.00	ug/l	100
16) Acetone	2.45	43	292256	250.00	ug/l	100
17) Carbon Disulfide	2.57	76	364453	50.00	ug/l	100
18) Methyl Acetate	2.78	43	153687	50.00	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	415166	50.00	ug/l	100
20) Methylene Chloride	2.86	84	130751	50.00	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	132928	50.00	ug/l	100
22) Diisopropyl ether	3.88	45	420145	50.00	ug/l	100
23) Vinyl Acetate	3.83	43	1838347	250.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232547	50.00	ug/l	100
25) 2-Butanone	4.71	43	495299	250.00	ug/l	100
26) 2,2-Dichloropropane	4.59	77	231856	50.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	154627	50.00	ug/l	100
28) Bromochloromethane	5.03	49	91055	50.00	ug/l	100
29) Tetrahydrofuran	5.17	42	311880	250.00	ug/l	100
30) Chloroform	5.22	83	251703	50.00	ug/l	100
31) Cyclohexane	5.59	56	218957	50.00	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	240389	50.00	ug/l	100
36) 1,1-Dichloropropene	5.81	75	193508	50.00	ug/l	100
37) Ethyl Acetate	4.87	43	195825	50.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	221825	50.00	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	231059	50.00	ug/l	100
40) Benzene	6.15	78	549037	50.00	ug/l	100
41) Methacrylonitrile	5.07	41	112722	50.00	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205583	50.00	ug/l	100
43) Isopropyl Acetate	6.48	43	332179	50.00	ug/l	100
44) Trichloroethene	7.22	130	170454	50.00	ug/l	100
45) 1,2-Dichloropropane	7.53	63	142023	50.00	ug/l	100
46) Dibromomethane	7.67	93	97498	50.00	ug/l	100
47) Bromodichloromethane	7.91	83	200564	50.00	ug/l	100
48) Methyl methacrylate	7.79	41	173600	50.00	ug/l	100
49) 1,4-Dioxane	7.76	88	69880	1000.00	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	993236	250.00	ug/l	100
52) Toluene	8.79	92	362119	50.00	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	240802	50.00	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	235904	50.00	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	142998	50.00	ug/l	100
56) Ethyl methacrylate	9.19	69	225756	50.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	234110	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539901	250.00	ug/l	100
59) 2-Hexanone	9.51	43	770021	250.00	ug/l	100
60) Dibromochloromethane	9.59	129	178985	50.00	ug/l	100
61) 1,2-Dibromoethane	9.68	107	155840	50.00	ug/l	100
64) Tetrachloroethene	9.34	164	164810	50.00	ug/l	100
65) Chlorobenzene	10.15	112	426747	50.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161921	50.00	ug/l	100
67) Ethyl Benzene	10.26	91	711863	50.00	ug/l	100
68) m/p-Xylenes	10.37	106	562630	100.00	ug/l	100
69) o-Xylene	10.71	106	273459	50.00	ug/l	100
70) Styrene	10.72	104	461372	50.00	ug/l	100
71) Bromoform	10.87	173	156118	50.00	ug/l	# 100
73) Isopropylbenzene	11.02	105	739708	50.00	ug/l	100
74) N-amyl acetate	6.48	43	332179	50.00	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213307	50.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	203456m	50.00	ug/l	
77) Bromobenzene	11.26	156	213579	50.00	ug/l	100
78) n-propylbenzene	11.37	91	835581	50.00	ug/l	100
79) 2-Chlorotoluene	11.43	91	496020	50.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	635079	50.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	73911	50.00	ug/l	100
82) 4-Chlorotoluene	11.52	91	591599	50.00	ug/l	100
83) tert-Butylbenzene	11.77	119	657582	50.00	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	650457	50.00	ug/l	100
85) sec-Butylbenzene	11.95	105	764856	50.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	712223	50.00	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	395775	50.00	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	401435	50.00	ug/l	100
89) n-Butylbenzene	12.40	91	628051	50.00	ug/l	100
90) Hexachloroethane	12.60	117	124238	50.00	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385409	50.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53407	50.00	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	326883	50.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	159848	50.00	ug/l	100
95) Naphthalene	13.84	128	856856	50.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	317933	50.00	ug/l	100

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

