

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000996.D
 Acq On : 19 Apr 2018 18:29
 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
 4/20/2018 2:09:31 PM

Quant Time: Apr 20 04:52:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 04:18:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152180	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.51	113	127302	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	8.72	98	465285	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
62) 4-Bromofluorobenzene	11.14	95	191113	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	166981	70.11	ug/l	100
3) Chloromethane	1.32	50	146274	59.68	ug/l	100
4) Vinyl Chloride	1.41	62	148809	62.34	ug/l	100
5) Bromomethane	1.64	94	94865	60.39	ug/l	100
6) Chloroethane	1.73	64	86697	51.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	221972	61.45	ug/l	100
8) Diethyl Ether	2.19	74	80113	57.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127689	59.09	ug/l	100
10) Methyl Iodide	2.51	142	114390	58.68	ug/l	100
11) Tert butyl alcohol	3.07	59	111839	272.32	ug/l	100
12) 1,1-Dichloroethene	2.38	96	119162	57.81	ug/l	100
13) Acrolein	2.30	56	33504	400.91	ug/l	100
14) Allyl chloride	2.73	41	216576	56.40	ug/l	100
15) Acrylonitrile	3.15	53	305076	281.01	ug/l	100
16) Acetone	2.45	43	278736	271.40	ug/l	100
17) Carbon Disulfide	2.57	76	334443	52.15	ug/l	100
18) Methyl Acetate	2.78	43	185667	69.79	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	397017	59.13	ug/l	100
20) Methylene Chloride	2.86	84	127322	52.81	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	127757	54.83	ug/l	100
22) Diisopropyl ether	3.88	45	424670	57.83	ug/l	100
23) Vinyl Acetate	3.83	43	1738614	290.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231041	58.36	ug/l	100
25) 2-Butanone	4.71	43	439211	277.84	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204217	58.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146512	58.11	ug/l	100
28) Bromochloromethane	5.03	49	91250	54.97	ug/l	100
29) Tetrahydrofuran	5.17	42	280630	278.54	ug/l	100
30) Chloroform	5.22	83	244308	59.91	ug/l	100
31) Cyclohexane	5.59	56	213197	59.51	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	221992	61.14	ug/l	100
36) 1,1-Dichloropropene	5.81	75	188790	59.09	ug/l	100
37) Ethyl Acetate	4.87	43	174663	58.68	ug/l	100
38) Carbon Tetrachloride	5.79	117	197917	59.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	223465	58.53	ug/l	100
40) Benzene	6.15	78	535114	60.04	ug/l	100
41) Methacrylonitrile	5.07	41	104682	56.15	ug/l	100
42) 1,2-Dichloroethane	6.21	62	202839	58.60	ug/l	100
43) Isopropyl Acetate	6.47	43	301070	59.80	ug/l	100
44) Trichloroethene	7.22	130	161766	57.60	ug/l	100
45) 1,2-Dichloropropane	7.52	63	137741	59.46	ug/l	100
46) Dibromomethane	7.67	93	93482	58.52	ug/l	100
47) Bromodichloromethane	7.91	83	181160	61.24	ug/l	100
48) Methyl methacrylate	7.78	41	163341	57.80	ug/l	100
49) 1,4-Dioxane	7.76	88	44849	1165.22	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	917994	300.80	ug/l	100
52) Toluene	8.79	92	351938	60.16	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	221083	62.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	211559	62.48	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	138997	61.09	ug/l	100
56) Ethyl methacrylate	9.19	69	209615	60.79	ug/l	100
57) 1,3-Dichloropropane	9.38	76	228702	60.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	512021	325.79	ug/l	100
59) 2-Hexanone	9.51	43	699970	299.08	ug/l	100
60) Dibromochloromethane	9.59	129	156356	62.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149204	60.68	ug/l	100
64) Tetrachloroethene	9.34	164	163536	57.43	ug/l	100
65) Chlorobenzene	10.15	112	413983	58.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	150872	61.55	ug/l	100
67) Ethyl Benzene	10.26	91	692516	59.95	ug/l	100
68) m/p-Xylenes	10.37	106	549951	120.10	ug/l	100
69) o-Xylene	10.71	106	265285	59.52	ug/l	100
70) Styrene	10.72	104	444639	60.29	ug/l	100
71) Bromoform	10.87	173	127661	60.60	ug/l	100
73) Isopropylbenzene	11.02	105	713916	58.42	ug/l	100
74) N-amyl acetate	6.47	43	301070	59.01	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	205243	59.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189911m	50.02	ug/l	
77) Bromobenzene	11.26	156	206508	57.76	ug/l	100
78) n-propylbenzene	11.37	91	814682	57.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	480565	57.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	609256	58.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57476	59.53	ug/l	100
82) 4-Chlorotoluene	11.52	91	577693	57.39	ug/l	100
83) tert-Butylbenzene	11.77	119	621817	58.29	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	627209	59.30	ug/l	100
85) sec-Butylbenzene	11.95	105	728507	56.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	675875	57.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382513	57.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387547	56.77	ug/l	100
89) n-Butylbenzene	12.40	91	597796	56.10	ug/l	100
90) Hexachloroethane	12.60	117	101772	59.61	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	373853	57.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43878	60.91	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	309487	54.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	136790	53.70	ug/l	100
95) Naphthalene	13.84	128	791307	58.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	300312	56.21	ug/l	100

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

