

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001138.D
 Acq On : 26 Apr 2018 18:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:27 PM

Quant Time: Apr 27 01:36:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:18:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169580	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
35) Dibromofluoromethane	5.51	113	133646	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.72	98	494530	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	196830	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113880	41.09	ug/l	100
3) Chloromethane	1.32	50	118868	44.81	ug/l	100
4) Vinyl Chloride	1.40	62	129621	46.64	ug/l	100
5) Bromomethane	1.64	94	85292	49.43	ug/l	100
6) Chloroethane	1.72	64	83606	49.80	ug/l	100
7) Trichlorofluoromethane	1.93	101	206129	48.86	ug/l	100
8) Diethyl Ether	2.19	74	81972	51.77	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112870	46.02	ug/l	100
10) Methyl Iodide	2.51	142	114007	54.78	ug/l	100
11) Tert butyl alcohol	3.09	59	180470	354.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111633	48.77	ug/l	100
13) Acrolein	2.30	56	64916	377.51	ug/l	100
14) Allyl chloride	2.73	41	217023	51.80	ug/l	100
15) Acrylonitrile	3.16	53	367637	289.45	ug/l	100
16) Acetone	2.45	43	352487	298.12	ug/l	100
17) Carbon Disulfide	2.57	76	288796	44.83	ug/l	100
18) Methyl Acetate	2.79	43	184909	53.91	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	424016	53.89	ug/l	100
20) Methylene Chloride	2.86	84	129099	48.79	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	123652	48.27	ug/l	100
22) Diisopropyl ether	3.89	45	424400	52.35	ug/l	100
23) Vinyl Acetate	3.83	43	1875714	275.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217830	48.38	ug/l	100
25) 2-Butanone	4.72	43	539553	293.87	ug/l	100
26) 2,2-Dichloropropane	4.59	77	173621	45.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	140568	49.33	ug/l	100
28) Bromochloromethane	5.03	49	105134	58.56	ug/l	100
29) Tetrahydrofuran	5.18	42	346307	298.06	ug/l	100
30) Chloroform	5.23	83	238647	50.87	ug/l	100
31) Cyclohexane	5.58	56	183160	44.21	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	208891	49.98	ug/l	100
36) 1,1-Dichloropropene	5.81	75	168386	44.34	ug/l	100
37) Ethyl Acetate	4.87	43	207238	56.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	179667	46.61	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	188617	43.02	ug/l	100
40) Benzene	6.15	78	512288	48.00	ug/l	100
41) Methacrylonitrile	5.07	41	117229	51.96	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205986	49.80	ug/l	100
43) Isopropyl Acetate	6.48	43	336860	54.30	ug/l	100
44) Trichloroethene	7.22	130	149349	46.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	135477	50.26	ug/l	100
46) Dibromomethane	7.67	93	94449	49.93	ug/l	100
47) Bromodichloromethane	7.91	83	176426	50.65	ug/l	100
48) Methyl methacrylate	7.79	41	178160	53.57	ug/l	100
49) 1,4-Dioxane	7.77	88	73670	1390.79	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1114771	291.40	ug/l	100
52) Toluene	8.79	92	334918	48.13	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	211964	51.02	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	201936	51.59	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	140900	50.41	ug/l	100
56) Ethyl methacrylate	9.19	69	218674	53.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	230042	49.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	505998	253.62	ug/l	100
59) 2-Hexanone	9.51	43	870696	296.00	ug/l	100
60) Dibromochloromethane	9.59	129	154862	52.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	153736	51.97	ug/l	100
64) Tetrachloroethene	9.34	164	155793	47.07	ug/l	100
65) Chlorobenzene	10.15	112	396511	47.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146686	51.33	ug/l	100
67) Ethyl Benzene	10.26	91	647820	47.14	ug/l	100
68) m/p-Xylenes	10.37	106	514678	95.02	ug/l	100
69) o-Xylene	10.71	106	253044	48.31	ug/l	100
70) Styrene	10.72	104	423039	49.07	ug/l	100
71) Bromoform	10.87	173	128522	54.42	ug/l	100
73) Isopropylbenzene	11.02	105	664186	47.85	ug/l	100
74) N-amyl acetate	6.48	43	336860	54.98	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	221581	54.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213738m	56.15	ug/l	
77) Bromobenzene	11.26	156	195941	48.48	ug/l	100
78) n-propylbenzene	11.37	91	755107	47.42	ug/l	100
79) 2-Chlorotoluene	11.43	91	457380	48.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	574184	48.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59053	55.75	ug/l	100
82) 4-Chlorotoluene	11.52	91	547868	48.01	ug/l	100
83) tert-Butylbenzene	11.77	119	579254	48.80	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	597676	49.17	ug/l	100
85) sec-Butylbenzene	11.95	105	664299	47.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	622958	47.61	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	352449	46.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	362686	46.80	ug/l	100
89) n-Butylbenzene	12.40	91	536262	46.25	ug/l	100
90) Hexachloroethane	12.60	117	92097	49.84	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	357799	48.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52441	60.86	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	277152	45.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	128456	46.24	ug/l	100
95) Naphthalene	13.84	128	804101	52.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279545	47.15	ug/l	100

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

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