

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001207.D
 Acq On : 28 Apr 2018 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 5/1/2018 7:44:36 PM

Quant Time: Apr 30 01:55:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	286106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202009	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151303	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
35) Dibromofluoromethane	5.51	113	122769	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	8.72	98	473850	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.14	95	189217	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117180	49.95	ug/l	100
3) Chloromethane	1.32	50	106853	43.49	ug/l	99
4) Vinyl Chloride	1.40	62	119228	45.74	ug/l	100
5) Bromomethane	1.64	94	99726	63.14	ug/l	99
6) Chloroethane	1.72	64	74718	45.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	208603	49.55	ug/l	100
8) Diethyl Ether	2.19	74	70988	43.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122477	52.80	ug/l	99
10) Methyl Iodide	2.51	142	105784	44.75	ug/l	98
11) Tert butyl alcohol	3.06	59	121480	177.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	104493	46.19	ug/l	97
13) Acrolein	2.29	56	34010	131.56	ug/l	97
14) Allyl chloride	2.73	41	189335	45.88	ug/l	96
15) Acrylonitrile	3.15	53	281465	192.75	ug/l	99
16) Acetone	2.45	43	346791	243.19	ug/l	100
17) Carbon Disulfide	2.57	76	269701	46.72	ug/l	99
18) Methyl Acetate	2.78	43	145712	40.83	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	365103	43.84	ug/l	98
20) Methylene Chloride	2.86	84	115537	43.50	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115212	46.07	ug/l	98
22) Diisopropyl ether	3.87	45	376534	45.60	ug/l	95
23) Vinyl Acetate	3.82	43	1648317	235.31	ug/l	100
24) 1,1-Dichloroethane	3.70	63	206635	47.61	ug/l	99
25) 2-Butanone	4.71	43	441928	207.12	ug/l	99
26) 1,2-Dichloropropane	4.59	77	171278	50.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	128128	46.79	ug/l	100
28) Bromochloromethane	5.03	49	98669	50.71	ug/l	98
29) Tetrahydrofuran	5.17	42	255443	186.20	ug/l	99
30) Chloroform	5.22	83	220401	47.76	ug/l	100
31) Cyclohexane	5.58	56	186143	50.49	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	197700	49.63	ug/l	99
36) 1,1-Dichloropropene	5.81	75	167823	53.23	ug/l	100
37) Ethyl Acetate	4.86	43	160426	42.49	ug/l	100
38) Carbon Tetrachloride	5.79	117	178345	55.17	ug/l	98

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39) Methylcyclohexane	7.46	83	200449	57.45	ug/l	97
40) Benzene	6.15	78	481124	52.75	ug/l	98
41) Methacrylonitrile	5.06	41	93190	43.93	ug/l	99
42) 1,2-Dichloroethane	6.20	62	186628	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	274802	46.34	ug/l	100
44) Trichloroethene	7.21	130	145811	53.66	ug/l	93
45) 1,2-Dichloropropane	7.52	63	125314	52.24	ug/l	99
46) Dibromomethane	7.67	93	87535	52.70	ug/l	99
47) Bromodichloromethane	7.90	83	163252	54.09	ug/l	98
48) Methyl methacrylate	7.78	41	146482	46.48	ug/l	99
49) 1,4-Dioxane	7.76	88	56196	890.56	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	886212	227.52	ug/l	98
52) Toluene	8.79	92	324112	54.34	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	196142	55.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	186271	48.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	128345	50.86	ug/l	99
56) Ethyl methacrylate	9.18	69	187253	50.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	209112	51.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305198	172.68	ug/l	100
59) 2-Hexanone	9.50	43	741223	242.88	ug/l	99
60) Dibromochloromethane	9.59	129	144829	49.19	ug/l	99
61) 1,2-Dibromoethane	9.68	107	138976	52.57	ug/l	100
64) Tetrachloroethene	9.34	164	166741	55.93	ug/l	98
65) Chlorobenzene	10.14	112	386732	52.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	140442	55.47	ug/l	100
67) Ethyl Benzene	10.26	91	648292	54.53	ug/l	99
68) m/p-Xylenes	10.37	106	520498	110.74	ug/l	100
69) o-Xylene	10.70	106	247124	54.21	ug/l	99
70) Styrene	10.72	104	417509	55.03	ug/l	99
71) Bromoform	10.86	173	117777	44.80	ug/l	99
73) Isopropylbenzene	11.02	105	676153	51.35	ug/l	100
74) N-amyl acetate	6.47	43	274802	41.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194274	44.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	159967m	38.89	ug/l	
77) Bromobenzene	11.26	156	194763	49.88	ug/l	97
78) n-propylbenzene	11.37	91	781126	53.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	458817	50.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587089	52.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50747	40.34	ug/l	96
82) 4-Chlorotoluene	11.52	91	560375	51.80	ug/l	100
83) tert-Butylbenzene	11.77	119	566154	50.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	606758	52.95	ug/l	99
85) sec-Butylbenzene	11.95	105	691342	53.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	650165	53.78	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	363290	51.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372670	51.03	ug/l	99
89) n-Butylbenzene	12.40	91	567774	54.26	ug/l	100
90) Hexachloroethane	12.60	117	94599	48.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	359986	50.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41977	43.54	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	281555	50.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	132921	50.91	ug/l	98
95) Naphthalene	13.84	128	716253	46.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	272579	49.32	ug/l	100

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

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