

Data Path : W:\HPCHEM1\MSVOA X\Data\VX041718\
 Data File : VX000983.D
 Acq On : 17 Apr 2018 23:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 18 06:41:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224162	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	143462	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
35) Dibromofluoromethane	5.51	113	119680	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	
50) Toluene-d8	8.72	98	441471	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.14	95	180655	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	123155	43.00	ug/l	99
3) Chloromethane	1.32	50	111983	45.60	ug/l	100
4) Vinyl Chloride	1.41	62	125992	45.61	ug/l	98
5) Bromomethane	1.64	94	82047	72.38	ug/l	98
6) Chloroethane	1.73	64	78988	47.18	ug/l	99
7) Trichlorofluoromethane	1.93	101	198539	47.64	ug/l	98
8) Diethyl Ether	2.19	74	75330	48.39	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116703	47.49	ug/l	98
10) Methyl Iodide	2.52	142	103939	53.63	ug/l	99
11) Tert butyl alcohol	3.07	59	110626	194.77	ug/l	100
12) 1,1-Dichloroethene	2.38	96	107742	46.27	ug/l	96
13) Acrolein	2.30	56	23823	86.37	ug/l	100
14) Allyl chloride	2.73	41	199105	46.24	ug/l	98
15) Acrylonitrile	3.15	53	295426	243.96	ug/l	99
16) Acetone	2.45	43	249352	226.02	ug/l	99
17) Carbon Disulfide	2.57	76	257736	36.55	ug/l	99
18) Methyl Acetate	2.78	43	157489	55.16	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	386064	49.77	ug/l	98
20) Methylene Chloride	2.86	84	119710	46.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	116748	45.46	ug/l	98
22) Diisopropyl ether	3.87	45	411125	51.95	ug/l	94
23) Vinyl Acetate	3.83	43	1697505	244.33	ug/l	98
24) 1,1-Dichloroethane	3.70	63	221233	49.82	ug/l	100
25) 2-Butanone	4.71	43	422428	231.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	177727	40.33	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139798	47.97	ug/l	99
28) Bromochloromethane	5.03	49	82074	45.90	ug/l	95
29) Tetrahydrofuran	5.17	42	269953	233.37	ug/l	99
30) Chloroform	5.23	83	235497	50.09	ug/l	97
31) Cyclohexane	5.59	56	186443	44.21	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	210174	46.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	172775	45.16	ug/l	98
37) Ethyl Acetate	4.87	43	171281	45.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	183679	42.89	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190158	41.39	ug/l	99
40) Benzene	6.15	78	500827	47.11	ug/l	99
41) Methacrylonitrile	5.07	41	102776	47.63	ug/l	99
42) 1,2-Dichloroethane	6.21	62	191453	48.22	ug/l	99
43) Isopropyl Acetate	6.47	43	293328	45.81	ug/l	99
44) Trichloroethene	7.22	130	151612	45.86	ug/l	99
45) 1,2-Dichloropropane	7.52	63	132856	49.08	ug/l	99
46) Dibromomethane	7.67	93	89123	47.22	ug/l	99
47) Bromodichloromethane	7.91	83	174500	45.81	ug/l	99
48) Methyl methacrylate	7.78	41	154711	46.61	ug/l	100
49) 1,4-Dioxane	7.76	88	43368	650.14	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	899421	239.11	ug/l	99
52) Toluene	8.79	92	333092	47.23	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	207364	45.38	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	196461	44.16	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	135808	48.50	ug/l	98
56) Ethyl methacrylate	9.19	69	202577	46.90	ug/l	99
57) 1,3-Dichloropropane	9.38	76	220035	49.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	489791	242.71	ug/l	99
59) 2-Hexanone	9.51	43	667907	230.00	ug/l	100
60) Dibromochloromethane	9.59	129	149529	44.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	142638	48.02	ug/l	100
64) Tetrachloroethene	9.34	164	153774	47.31	ug/l	99
65) Chlorobenzene	10.15	112	399108	47.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	145558	46.25	ug/l	99
67) Ethyl Benzene	10.26	91	654419	46.94	ug/l	100
68) m/p-Xylenes	10.37	106	513148	93.25	ug/l	99
69) o-Xylene	10.71	106	251245	47.37	ug/l	100
70) Styrene	10.72	104	425604	47.60	ug/l	100
71) Bromoform	10.87	173	122613	42.08	ug/l #	100
73) Isopropylbenzene	11.02	105	686058	48.24	ug/l	100
74) N-amyl acetate	6.47	43	293328	45.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200793	48.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186523m	48.25	ug/l	
77) Bromobenzene	11.26	156	199511	47.87	ug/l	100
78) n-propylbenzene	11.37	91	772246	47.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	460774	47.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	579704	47.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53018	37.72	ug/l	91
82) 4-Chlorotoluene	11.52	91	546862	47.13	ug/l	100
83) tert-Butylbenzene	11.77	119	597755	47.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	598376	47.39	ug/l	99
85) sec-Butylbenzene	11.95	105	693608	46.99	ug/l	100
86) p-Isopropyltoluene	12.07	119	643835	46.77	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	366465	47.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374809	47.41	ug/l	99
89) n-Butylbenzene	12.40	91	555941	45.76	ug/l	100
90) Hexachloroethane	12.60	117	96767	41.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	362891	48.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42097	40.71	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	295470	46.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	128650	41.17	ug/l	99
95) Naphthalene	13.84	128	775705	47.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288489	46.74	ug/l	99

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

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