

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002037.D
 Acq On : 26 May 2018 23:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:11 PM

Quant Time: May 28 03:52:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235335	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	208825	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
35) Dibromofluoromethane	5.51	113	163392	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
50) Toluene-d8	8.72	98	610644	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	11.14	95	238361	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	152640	46.88	ug/l	97
3) Chloromethane	1.32	50	185738	46.53	ug/l	100
4) Vinyl Chloride	1.41	62	188240	48.84	ug/l	100
5) Bromomethane	1.64	94	101900	57.58	ug/l	99
6) Chloroethane	1.72	64	118729	52.25	ug/l	99
7) Trichlorofluoromethane	1.93	101	300272	51.87	ug/l	96
8) Diethyl Ether	2.19	74	111518	53.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	164215	50.84	ug/l	99
10) Methyl Iodide	2.51	142	223790	51.20	ug/l	98
11) Tert butyl alcohol	3.09	59	241989	265.81	ug/l	98
12) 1,1-Dichloroethene	2.37	96	152776	50.52	ug/l	97
13) Acrolein	2.30	56	68636	174.38	ug/l	98
14) Allyl chloride	2.73	41	319481	50.33	ug/l	99
15) Acrylonitrile	3.15	53	493380	263.55	ug/l	99
16) Acetone	2.45	43	476835	266.41	ug/l	97
17) Carbon Disulfide	2.57	76	413635	47.52	ug/l	99
18) Methyl Acetate	2.78	43	254842	59.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	599405	52.70	ug/l	100
20) Methylene Chloride	2.86	84	173300	56.12	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	163538	55.73	ug/l	96
22) Diisopropyl ether	3.88	45	626764	48.54	ug/l	99
23) Vinyl Acetate	3.83	43	2632899	245.93	ug/l	99
24) 1,1-Dichloroethane	3.70	63	311475	50.78	ug/l	99
25) 2-Butanone	4.71	43	751866	229.19	ug/l	99
26) 2,2-Dichloropropane	4.59	77	201340	32.43	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	184420	46.77	ug/l	94
28) Bromochloromethane	5.03	49	137391	53.45	ug/l	99
29) Tetrahydrofuran	5.17	42	486615	227.99	ug/l	99
30) Chloroform	5.22	83	321443	46.52	ug/l	99
31) Cyclohexane	5.58	56	280658	43.92	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	294177	45.66	ug/l	100
36) 1,1-Dichloropropene	5.81	75	231772	45.20	ug/l	99
37) Ethyl Acetate	4.87	43	296249	44.31	ug/l	100
38) Carbon Tetrachloride	5.79	117	261973	43.81	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277017	43.97	ug/l	98
40) Benzene	6.15	78	699178	46.54	ug/l	99
41) Methacrylonitrile	5.07	41	167827	47.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274851	45.80	ug/l	100
43) Isopropyl Acetate	6.47	43	501880	45.06	ug/l	100
44) Trichloroethene	7.22	130	196728	44.94	ug/l	99
45) 1,2-Dichloropropane	7.52	63	190323	46.65	ug/l	99
46) Dibromomethane	7.67	93	125503	46.46	ug/l	99
47) Bromodichloromethane	7.90	83	255558	44.37	ug/l	99
48) Methyl methacrylate	7.78	41	254391	44.87	ug/l	98
49) 1,4-Dioxane	7.76	88	93850	939.43	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1567089	233.38	ug/l	100
52) Toluene	8.79	92	445070	46.55	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	287357	43.32	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	281253	43.51	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	184740	46.26	ug/l	98
56) Ethyl methacrylate	9.19	69	308150	44.86	ug/l	99
57) 1,3-Dichloropropane	9.38	76	305762	46.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	762749	250.51	ug/l	100
59) 2-Hexanone	9.50	43	1207250	233.18	ug/l	99
60) Dibromochloromethane	9.59	129	215392	45.53	ug/l	100
61) 1,2-Dibromoethane	9.68	107	196157	46.81	ug/l	99
64) Tetrachloroethene	9.34	164	243876	49.34	ug/l	99
65) Chlorobenzene	10.15	112	505265	46.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	199767	45.30	ug/l	100
67) Ethyl Benzene	10.26	91	879411	46.34	ug/l	99
68) m/p-Xylenes	10.37	106	673354	92.83	ug/l	99
69) o-Xylene	10.70	106	337077	46.54	ug/l	100
70) Styrene	10.72	104	561258	46.73	ug/l	100
71) Bromoform	10.86	173	180973	43.28	ug/l #	99
73) Isopropylbenzene	11.02	105	902126	45.27	ug/l	99
74) N-amyl acetate	6.47	43	501880	48.45	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	271709	49.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	285235m	50.46	ug/l	
77) Bromobenzene	11.26	156	243386	46.03	ug/l	99
78) n-propylbenzene	11.37	91	1013619	45.41	ug/l	100
79) 2-Chlorotoluene	11.43	91	610590	49.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	768756	45.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	86413	36.74	ug/l	95
82) 4-Chlorotoluene	11.52	91	717961	45.61	ug/l	100
83) tert-Butylbenzene	11.77	119	732489	43.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	791122	44.95	ug/l	99
85) sec-Butylbenzene	11.95	105	904322	45.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	816580	45.42	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	433083	45.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	439538	46.43	ug/l	100
89) n-Butylbenzene	12.39	91	696683	45.74	ug/l	100
90) Hexachloroethane	12.60	117	148829	41.97	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	444297	46.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	74291	41.93	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	321641	46.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	163778	44.13	ug/l	100
95) Naphthalene	13.84	128	979416	46.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	331639	46.46	ug/l	100

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

