

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001274.D
 Acq On : 01 May 2018 12:46
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:53 PM

Quant Time: May 02 01:37:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:17:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	267175	84.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.48%	
35) Dibromofluoromethane	5.51	113	225322	100.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.50%	
50) Toluene-d8	8.72	98	854630	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.14	95	345091	104.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	238532	107.32	ug/l	96
3) Chloromethane	1.32	50	209637	92.49	ug/l	99
4) Vinyl Chloride	1.40	62	225339	93.55	ug/l	100
5) Bromomethane	1.64	94	170046	99.81	ug/l	99
6) Chloroethane	1.71	64	140998	93.67	ug/l	98
7) Trichlorofluoromethane	1.92	101	385888	98.28	ug/l	99
8) Diethyl Ether	2.19	74	131440	89.14	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213710	98.37	ug/l	99
10) Methyl Iodide	2.51	142	256617	127.27	ug/l	100
11) Tert butyl alcohol	3.09	59	232610	386.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	195438	93.56	ug/l	99
13) Acrolein	2.30	56	136509	552.23	ug/l	100
14) Allyl chloride	2.73	41	357537	95.02	ug/l	100
15) Acrylonitrile	3.15	53	542574	412.83	ug/l	100
16) Acetone	2.45	43	574845	440.55	ug/l	100
17) Carbon Disulfide	2.57	76	518268	97.46	ug/l	99
18) Methyl Acetate	2.78	43	277100	85.96	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	680967	89.86	ug/l	100
20) Methylene Chloride	2.86	84	215215	88.23	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	208921	90.95	ug/l	97
22) Diisopropyl ether	3.88	45	691966	92.40	ug/l	100
23) Vinyl Acetate	3.83	43	2973683	469.91	ug/l	99
24) 1,1-Dichloroethane	3.70	63	346049	86.91	ug/l	99
25) 2-Butanone	4.71	43	786123	409.66	ug/l	98
26) 2,2-Dichloropropane	4.59	77	318768	101.11	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	232460	92.96	ug/l	100
28) Bromochloromethane	5.03	49	180972	101.21	ug/l	99
29) Tetrahydrofuran	5.17	42	486090	396.29	ug/l	100
30) Chloroform	5.23	83	392048	93.03	ug/l	98
31) Cyclohexane	5.58	56	329475	96.40	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	362126	99.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	293323	97.54	ug/l	99
37) Ethyl Acetate	4.87	43	301038	85.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	325383	105.08	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	356865	105.80	ug/l	98
40) Benzene	6.15	78	852755	98.46	ug/l	100
41) Methacrylonitrile	5.07	41	172804	87.74	ug/l	99
42) 1,2-Dichloroethane	6.21	62	328473	95.07	ug/l	100
43) Isopropyl Acetate	6.48	43	513705	92.83	ug/l	100
44) Trichloroethene	7.22	130	257125	99.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	220523	97.25	ug/l	98
46) Dibromomethane	7.67	93	155970	99.39	ug/l	99
47) Bromodichloromethane	7.90	83	304765	106.78	ug/l	99
48) Methyl methacrylate	7.79	41	274223	93.36	ug/l	99
49) 1,4-Dioxane	7.76	88	97907	1684.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1695673	467.69	ug/l	99
52) Toluene	8.79	92	578253	101.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	361705	109.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	350492	112.74	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	233497	97.85	ug/l	98
56) Ethyl methacrylate	9.19	69	354158	101.28	ug/l	100
57) 1,3-Dichloropropane	9.38	76	373502	96.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	827619	497.17	ug/l	99
59) 2-Hexanone	9.51	43	1351630	474.87	ug/l	100
60) Dibromochloromethane	9.59	129	274520	113.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	253921	101.82	ug/l	100
64) Tetrachloroethene	9.34	164	276709	95.84	ug/l	99
65) Chlorobenzene	10.15	112	681064	97.89	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	256481	106.57	ug/l	99
67) Ethyl Benzene	10.26	91	1145105	100.75	ug/l	99
68) m/p-Xylenes	10.37	106	919824	204.65	ug/l	100
69) o-Xylene	10.70	106	449741	103.60	ug/l	99
70) Styrene	10.72	104	757172	104.97	ug/l	100
71) Bromoform	10.87	173	238987	114.39	ug/l	100
73) Isopropylbenzene	11.02	105	1216055	95.62	ug/l	100
74) N-amyl acetate	6.48	43	513705	82.09	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	372794	89.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	351075m	90.22	ug/l	
77) Bromobenzene	11.26	156	351151	93.44	ug/l	99
78) n-propylbenzene	11.37	91	1375826	97.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	817109	93.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1057182	98.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	110411	112.64	ug/l	97
82) 4-Chlorotoluene	11.52	91	1001766	96.06	ug/l	99
83) tert-Butylbenzene	11.77	119	1069397	99.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1075995	97.36	ug/l	99
85) sec-Butylbenzene	11.95	105	1255968	99.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	1164796	99.41	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	646530	95.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	659659	93.66	ug/l	99
89) n-Butylbenzene	12.40	91	1040579	102.45	ug/l	100
90) Hexachloroethane	12.60	117	185880	111.67	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	649782	95.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	84123	92.83	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	517720	96.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	265409	103.30	ug/l	100
95) Naphthalene	13.84	128	1364062	92.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	507227	95.19	ug/l	100

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

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