

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049776.D
 Acq On : 12 Jul 2018 17:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:15 PM

Quant Time: Jul 13 03:54:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1287547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1822168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1663701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	882957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	694019	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	667316	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.09	98	2277294	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.40	95	836273	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	529525	47.41	ug/l	98
3) Chloromethane	2.06	50	680391	45.98	ug/l	100
4) Vinyl Chloride	2.18	62	769378	47.07	ug/l	99
5) Bromomethane	2.56	94	480466	47.40	ug/l	100
6) Chloroethane	2.70	64	496844	43.38	ug/l	98
7) Trichlorofluoromethane	3.01	101	1076686	44.10	ug/l	98
8) Diethyl Ether	3.41	74	389230	44.49	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	695685	43.90	ug/l	99
10) Methyl Iodide	3.95	142	928590	46.11	ug/l	100
11) Tert butyl alcohol	4.80	59	222309	221.77	ug/l	99
12) 1,1-Dichloroethene	3.73	96	610131	43.82	ug/l	99
13) Acrolein	3.61	56	171054	194.27	ug/l	98
14) Allyl chloride	4.32	41	1016559	44.74	ug/l	99
15) Acrylonitrile	4.99	53	1109875	221.08	ug/l	99
16) Acetone	3.82	43	874979	237.26	ug/l	99
17) Carbon Disulfide	4.05	76	1640726	45.97	ug/l	100
18) Methyl Acetate	4.33	43	573163	45.76	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1778169	46.04	ug/l	98
20) Methylene Chloride	4.55	84	724652	47.11	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	669568	44.00	ug/l	98
22) Diisopropyl ether	5.96	45	2189361	46.91	ug/l	96
23) Vinyl Acetate	5.90	43	7298331	233.33	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1292857	44.09	ug/l	100
25) 2-Butanone	6.84	43	1308649	224.21	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1124468	46.20	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	783573	45.02	ug/l	100
28) Bromochloromethane	7.19	49	616800	46.25	ug/l	97
29) Tetrahydrofuran	7.21	42	820881	223.97	ug/l	99
30) Chloroform	7.37	83	1333555	44.14	ug/l	99
31) Cyclohexane	7.65	56	1087926	46.60	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1146134	44.67	ug/l	99
36) 1,1-Dichloropropene	7.79	75	987333	47.02	ug/l	99
37) Ethyl Acetate	6.93	43	578490	46.54	ug/l	99
38) Carbon Tetrachloride	7.77	117	1014836	46.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1086331	49.08	ug/l	99
40) Benzene	8.04	78	2910375	46.33	ug/l	100
41) Methacrylonitrile	7.18	41	324246	46.12	ug/l	98
42) 1,2-Dichloroethane	8.13	62	931004	45.31	ug/l	100
43) Isopropyl Acetate	8.17	43	1048477	46.93	ug/l	95
44) Trichloroethene	8.84	130	778128	46.00	ug/l	100
45) 1,2-Dichloropropane	9.12	63	790620	46.83	ug/l	100
46) Dibromomethane	9.21	93	454446	45.33	ug/l	99
47) Bromodichloromethane	9.40	83	1019903	46.19	ug/l	99
48) Methyl methacrylate	9.20	41	528925	47.35	ug/l	99
49) 1,4-Dioxane	9.20	88	135101	923.08	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2899763	239.06	ug/l	100
52) Toluene	10.16	92	1823482	48.50	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1036775	48.82	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	1191724	49.27	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	674883	47.41	ug/l	100
56) Ethyl methacrylate	10.43	69	843815	49.73	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1113586	46.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2492764	306.29	ug/l	100
59) 2-Hexanone	10.75	43	1989462	246.71	ug/l	100
60) Dibromochloromethane	10.90	129	773956	46.99	ug/l	99
61) 1,2-Dibromoethane	11.01	107	642338	46.95	ug/l	98
64) Tetrachloroethene	10.63	164	699687	46.32	ug/l	99
65) Chlorobenzene	11.44	112	2027457	46.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	776880	47.64	ug/l	100
67) Ethyl Benzene	11.51	91	3493096	49.22	ug/l	100
68) m/p-Xylenes	11.62	106	2693935	101.13	ug/l	99
69) o-Xylene	11.95	106	1297748	50.43	ug/l	98
70) Styrene	11.97	104	2139256	52.33	ug/l	100
71) Bromoform	12.13	173	529678	48.07	ug/l #	100
73) Isopropylbenzene	12.25	105	3529822	48.10	ug/l	100
74) N-amyl acetate	12.07	43	920098	48.20	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	827900	48.92	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	736845m	46.98	ug/l	
77) Bromobenzene	12.53	156	886025	45.52	ug/l	99
78) n-propylbenzene	12.59	91	4051379	48.97	ug/l	99
79) 2-Chlorotoluene	12.68	91	2395923	47.32	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2860252	49.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	233664	48.11	ug/l	99
82) 4-Chlorotoluene	12.77	91	2435756	48.50	ug/l	100
83) tert-Butylbenzene	12.99	119	2519177	48.28	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2916897	49.88	ug/l	100
85) sec-Butylbenzene	13.17	105	3414408	49.93	ug/l	100
86) p-Isopropyltoluene	13.29	119	2979948	51.50	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1580306	46.82	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1534933	46.78	ug/l	99
89) n-Butylbenzene	13.62	91	2473191	51.78	ug/l	100
90) Hexachloroethane	13.88	117	547844	48.91	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1521173	46.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	117175	45.13	ug/l	95

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93) 1,2,4-Trichlorobenzene	14.91	180	814976	45.32	ug/l	100
94) Hexachlorobutadiene	15.01	225	514790	51.09	ug/l	100
95) Naphthalene	15.14	128	1656591	43.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	799282	50.04	ug/l	99

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

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