

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049773.D
 Acq On : 12 Jul 2018 12:58
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:11 PM

Quant Time: Jul 13 02:24:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:09:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1322943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1932994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1803629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	987786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	2220538	127.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.20%	
35) Dibromofluoromethane	7.59	113	2147587	148.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.22%	
50) Toluene-d8	10.09	98	7296215	128.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.98%	
62) 4-Bromofluorobenzene	12.40	95	2808936	145.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1698124	113.90	ug/l	97
3) Chloromethane	2.06	50	2241235	120.36	ug/l	99
4) Vinyl Chloride	2.18	62	2514900	125.75	ug/l	100
5) Bromomethane	2.55	94	1544542	147.03	ug/l	99
6) Chloroethane	2.69	64	1601011	126.48	ug/l	100
7) Trichlorofluoromethane	3.01	101	3455157	151.25	ug/l	98
8) Diethyl Ether	3.41	74	1297480	140.12	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2206412	134.24	ug/l	99
10) Methyl Iodide	3.95	142	3323877	161.59	ug/l	100
11) Tert butyl alcohol	4.80	59	782790	780.81	ug/l	98
12) 1,1-Dichloroethene	3.73	96	2031240	130.72	ug/l	99
13) Acrolein	3.61	56	697844	745.20	ug/l	98
14) Allyl chloride	4.32	41	3509848	164.44	ug/l	99
15) Acrylonitrile	5.00	53	3921121	757.28	ug/l	99
16) Acetone	3.82	43	2836966	655.63	ug/l	100
17) Carbon Disulfide	4.05	76	5524786	117.30	ug/l	100
18) Methyl Acetate	4.33	43	1934633	73.49	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	6084512	151.90	ug/l	100
20) Methylene Chloride	4.55	84	2352149	130.75	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	2210364	138.22	ug/l	99
22) Diisopropyl ether	5.96	45	7387290	152.98	ug/l	96
23) Vinyl Acetate	5.90	43	25604790	817.67	ug/l	100
24) 1,1-Dichloroethane	5.85	63	4280673	140.71	ug/l	99
25) 2-Butanone	6.84	43	4563402	786.81	ug/l	99
26) 2,2-Dichloropropane	6.83	77	3653909	144.62	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	2626361	147.02	ug/l	100
28) Bromochloromethane	7.20	49	1960563	151.85	ug/l	98
29) Tetrahydrofuran	7.22	42	2916885	789.06	ug/l	99
30) Chloroform	7.37	83	4359892	140.59	ug/l	99
31) Cyclohexane	7.65	56	3634723	121.33	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	3764848	143.40	ug/l	98
36) 1,1-Dichloropropene	7.79	75	3283164	150.97	ug/l	100
37) Ethyl Acetate	6.93	43	1983325	156.36	ug/l	99
38) Carbon Tetrachloride	7.78	117	3330474	157.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	3660866	153.53	ug/l	100
40) Benzene	8.04	78	9742921	146.72	ug/l	100
41) Methacrylonitrile	7.18	41	1136954	159.01	ug/l	97
42) 1,2-Dichloroethane	8.13	62	3097679	146.17	ug/l	99
43) Isopropyl Acetate	8.17	43	3665793	122.31	ug/l	96
44) Trichloroethene	8.84	130	2586522	129.16	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2605516	151.87	ug/l	100
46) Dibromomethane	9.21	93	1538494	148.23	ug/l	99
47) Bromodichloromethane	9.40	83	3433633	155.40	ug/l	99
48) Methyl methacrylate	9.20	41	1913466	169.76	ug/l	98
49) 1,4-Dioxane	9.20	88	482449	3183.69	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	9954235	800.41	ug/l	99
52) Toluene	10.16	92	6106989	152.23	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	3688645	174.35	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	4123844	166.78	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	2243225	150.17	ug/l	99
56) Ethyl methacrylate	10.43	69	3046072	173.97	ug/l	98
57) 1,3-Dichloropropane	10.71	76	3761957	155.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	7160421	878.48	ug/l	100
59) 2-Hexanone	10.75	43	6794164	826.17	ug/l	99
60) Dibromochloromethane	10.90	129	2667003	165.19	ug/l	100
61) 1,2-Dibromoethane	11.01	107	2220972	155.18	ug/l	98
64) Tetrachloroethene	10.63	164	2274781	93.15	ug/l	99
65) Chlorobenzene	11.44	112	6844734	145.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	2601769	153.89	ug/l	100
67) Ethyl Benzene	11.51	91	11917184	153.22	ug/l	99
68) m/p-Xylenes	11.62	106	9101017	305.33	ug/l	94
69) o-Xylene	11.95	106	4439414	155.57	ug/l	97
70) Styrene	11.97	104	7451532	161.38	ug/l	99
71) Bromoform	12.13	173	1872294	166.67	ug/l #	100
73) Isopropylbenzene	12.25	105	11833317	150.39	ug/l	100
74) N-amyl acetate	12.07	43	3312996	154.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	2755521	148.31	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	2377117m	150.05	ug/l	
77) Bromobenzene	12.53	156	3031727	141.70	ug/l	99
78) n-propylbenzene	12.59	91	13573131	150.52	ug/l	99
79) 2-Chlorotoluene	12.68	91	8034364	140.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	9675585	147.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	889767	190.76	ug/l	96
82) 4-Chlorotoluene	12.78	91	8305028	144.73	ug/l	100
83) tert-Butylbenzene	12.99	119	8467464	150.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	9901152	147.37	ug/l	100
85) sec-Butylbenzene	13.17	105	11392270	153.09	ug/l	100
86) p-Isopropyltoluene	13.29	119	10070241	156.23	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	5465236	138.36	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	5357416	135.87	ug/l	99
89) n-Butylbenzene	13.62	91	8748471	158.54	ug/l	99
90) Hexachloroethane	13.88	117	1866212	275.64	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5168035	134.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	437284	134.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3227400	182.55	ug/l	100
94) Hexachlorobutadiene	15.01	225	1672810	136.43	ug/l	100
95) Naphthalene	15.14	128	7099098	187.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	3043585	167.32	ug/l	99

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

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