

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050784.D
 Acq On : 21 Aug 2018 11:58
 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
 8/22/2018 11:19:01 AM

Quant Time: Aug 22 03:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	954101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	521704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1216577	144.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.68%	
35) Dibromofluoromethane	7.59	113	1164509	147.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.14%	
50) Toluene-d8	10.09	98	4529745	153.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.04%	
62) 4-Bromofluorobenzene	12.40	95	1623183	165.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	330.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1507085	160.85	ug/l	100
3) Chloromethane	2.06	50	1681766	145.53	ug/l	100
4) Vinyl Chloride	2.18	62	1632358	149.11	ug/l	99
5) Bromomethane	2.54	94	909235	129.04	ug/l	99
6) Chloroethane	2.69	64	921087	145.62	ug/l	100
7) Trichlorofluoromethane	3.01	101	2053561	146.50	ug/l	100
8) Diethyl Ether	3.41	74	742569	155.79	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1271858	145.23	ug/l	99
10) Methyl Iodide	3.95	142	1299088	186.87	ug/l	100
11) Tert butyl alcohol	4.79	59	444017	827.30	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1199706	152.57	ug/l	99
13) Acrolein	3.61	56	248571	847.90	ug/l	98
14) Allyl chloride	4.32	41	1962928	160.20	ug/l	98
15) Acrylonitrile	4.99	53	2186950	801.79	ug/l	99
16) Acetone	3.82	43	1466599	631.09	ug/l	100
17) Carbon Disulfide	4.05	76	3856178	146.29	ug/l	100
18) Methyl Acetate	4.33	43	1138872	142.11	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3214279	162.51	ug/l	99
20) Methylene Chloride	4.55	84	1330110	140.02	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1267671	149.60	ug/l	98
22) Diisopropyl ether	5.95	45	3843641	157.41	ug/l	97
23) Vinyl Acetate	5.90	43	12961107	824.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2293983	146.33	ug/l	100
25) 2-Butanone	6.84	43	2394140	704.87	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1851001	146.94	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1418419	154.70	ug/l	100
28) Bromochloromethane	7.20	49	973961	146.21	ug/l	99
29) Tetrahydrofuran	7.21	42	1578590	810.61	ug/l	99
30) Chloroform	7.37	83	2250825	144.99	ug/l	100
31) Cyclohexane	7.65	56	2158222	138.59	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1977790	148.33	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1825143	155.41	ug/l	100
37) Ethyl Acetate	6.93	43	1058402	163.77	ug/l	99
38) Carbon Tetrachloride	7.77	117	1796646	151.34	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2112967	166.30	ug/l	98
40) Benzene	8.04	78	5380974	151.94	ug/l	100
41) Methacrylonitrile	7.17	41	570589	167.02	ug/l	98
42) 1,2-Dichloroethane	8.12	62	1574302	148.68	ug/l	100
43) Isopropyl Acetate	8.17	43	1914198	165.02	ug/l	100
44) Trichloroethene	8.84	130	1434087	153.54	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1406447	151.10	ug/l	99
46) Dibromomethane	9.21	93	821386	150.19	ug/l	99
47) Bromodichloromethane	9.40	83	1772831	154.77	ug/l	98
48) Methyl methacrylate	9.20	41	994039	168.15	ug/l	99
49) 1,4-Dioxane	9.20	88	276222	3427.59	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	5311308	767.31	ug/l	99
52) Toluene	10.16	92	3364127	160.35	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1913434	167.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2149224	164.61	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1171236	150.42	ug/l	99
56) Ethyl methacrylate	10.43	69	1585143	179.49	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2007526	156.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3461787	918.04	ug/l	100
59) 2-Hexanone	10.75	43	3622940	786.20	ug/l	98
60) Dibromochloromethane	10.90	129	1395111	160.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1215701	161.46	ug/l	99
64) Tetrachloroethene	10.63	164	1289719	142.32	ug/l	99
65) Chlorobenzene	11.43	112	3766580	151.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1374065	150.59	ug/l	100
67) Ethyl Benzene	11.51	91	6537245	161.24	ug/l	99
68) m/p-Xylenes	11.62	106	5044333	327.79	ug/l	99
69) o-Xylene	11.95	106	2445851	165.32	ug/l	99
70) Styrene	11.96	104	3978019	171.99	ug/l	99
71) Bromoform	12.13	173	1021175	162.74	ug/l	# 100
73) Isopropylbenzene	12.25	105	6442458	149.14	ug/l	100
74) N-amyl acetate	12.07	43	1733290	159.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1507594	129.52	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1229455m	138.99	ug/l	
77) Bromobenzene	12.53	156	1687605	143.74	ug/l	99
78) n-propylbenzene	12.59	91	7462704	154.64	ug/l	99
79) 2-Chlorotoluene	12.68	91	4374986	145.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5361429	153.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	446447	165.17	ug/l	97
82) 4-Chlorotoluene	12.77	91	4533273	152.76	ug/l	100
83) tert-Butylbenzene	12.99	119	4701609	155.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5484955	156.44	ug/l	99
85) sec-Butylbenzene	13.17	105	6174842	156.10	ug/l	100
86) p-Isopropyltoluene	13.29	119	5477278	162.50	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2988215	149.99	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2915910	148.71	ug/l	100
89) n-Butylbenzene	13.62	91	4654487	172.66	ug/l	99
90) Hexachloroethane	13.88	117	977114	140.07	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2782636	144.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	230788	148.76	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1620900	193.73	ug/l	99
94) Hexachlorobutadiene	15.01	225	838131	133.73	ug/l	99
95) Naphthalene	15.13	128	3478702	210.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1496983	183.74	ug/l	99

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

