

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055540.D
 Acq On : 10 May 2019 10:16
 Operator : JC/SP
 Sample : VN0510WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 1:16:36 PM

Quant Time: May 11 01:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	581484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	844529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	308931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	320955	36.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.32%	
35) Dibromofluoromethane	7.59	113	246892	39.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.38%	
50) Toluene-d8	10.09	98	942806	38.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.82%	
62) 4-Bromofluorobenzene	12.40	95	296886	35.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89382	15.098	ug/l	99
3) Chloromethane	2.06	50	142001	14.764	ug/l	98
4) Vinyl Chloride	2.19	62	140091	15.430	ug/l	97
5) Bromomethane	2.54	94	84982	17.084	ug/l	94
6) Chloroethane	2.69	64	87303	16.509	ug/l	94
7) Trichlorofluoromethane	3.01	101	159249	15.989	ug/l	93
8) Diethyl Ether	3.41	74	71674	16.023	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	102501	16.175	ug/l	98
10) Methyl Iodide	3.95	142	117965	13.773	ug/l	99
11) Tert butyl alcohol	4.81	59	88946	68.805	ug/l	99
12) 1,1-Dichloroethene	3.73	96	100915	15.879	ug/l	99
13) Acrolein	3.61	56	67934	78.851	ug/l	98
14) Allyl chloride	4.32	41	197988	15.208	ug/l	100
15) Acrylonitrile	5.00	53	295322	73.778	ug/l	98
16) Acetone	3.82	43	311575	76.858	ug/l	97
17) Carbon Disulfide	4.04	76	261350	15.067	ug/l	99
18) Methyl Acetate	4.33	43	131528	14.679	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	326079	15.441	ug/l	95
20) Methylene Chloride	4.55	84	126876	15.305	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	110042	15.970	ug/l	94
22) Diisopropyl ether	5.96	45	401876	15.191	ug/l	95
23) Vinyl Acetate	5.90	43	1535169	75.035	ug/l	99
24) 1,1-Dichloroethane	5.85	63	221356	15.500	ug/l	99
25) 2-Butanone	6.84	43	401703	71.733	ug/l	100
26) 2,2-Dichloropropane	6.83	77	144391	16.219	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	127435	16.003	ug/l	98
28) Bromochloromethane	7.19	49	97979	13.211	ug/l	95
29) Tetrahydrofuran	7.22	42	264329	71.400	ug/l	98
30) Chloroform	7.37	83	210347	15.933	ug/l	99
31) Cyclohexane	7.65	56	212104	15.011	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	159804	15.895	ug/l	99
36) 1,1-Dichloropropene	7.79	75	157741	16.396	ug/l	100
37) Ethyl Acetate	6.93	43	154583	14.730	ug/l	98
38) Carbon Tetrachloride	7.77	117	128214	15.827	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	182512	15.559	ug/l	98
40) Benzene	8.04	78	484732	16.234	ug/l	99
41) Methacrylonitrile	7.18	41	70988	14.574	ug/l	91
42) 1,2-Dichloroethane	8.12	62	170840	16.286	ug/l	99
43) Isopropyl Acetate	8.17	43	239598	15.028	ug/l	98
44) Trichloroethene	8.83	130	114777	16.155	ug/l	97
45) 1,2-Dichloropropane	9.12	63	140883	16.490	ug/l	99
46) Dibromomethane	9.21	93	80029	16.161	ug/l	98
47) Bromodichloromethane	9.40	83	150703	15.908	ug/l	98
48) Methyl methacrylate	9.20	41	113993	14.839	ug/l	98
49) 1,4-Dioxane	9.20	88	45635	304.800	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	759009	72.383	ug/l	99
52) Toluene	10.16	92	277211	16.240	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	142431	15.654	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	175967	16.185	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	113581	16.422	ug/l	99
56) Ethyl methacrylate	10.43	69	153536	14.925	ug/l	99
57) 1,3-Dichloropropane	10.71	76	196380	15.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	76860	33.595	ug/l	99
59) 2-Hexanone	10.75	43	535754	72.854	ug/l	100
60) Dibromochloromethane	10.90	129	101931	16.210	ug/l	99
61) 1,2-Dibromoethane	11.01	107	106977	16.099	ug/l	99
64) Tetrachloroethene	10.63	164	109181	15.777	ug/l	98
65) Chlorobenzene	11.43	112	277527	15.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	99111	16.569	ug/l	99
67) Ethyl Benzene	11.51	91	504728	15.467	ug/l	99
68) m/p-Xylenes	11.62	106	367058	31.343	ug/l	100
69) o-Xylene	11.95	106	182123	15.822	ug/l	98
70) Styrene	11.96	104	292144	15.842	ug/l	99
71) Bromoform	12.12	173	61366	15.203	ug/l #	99
73) Isopropylbenzene	12.25	105	482846	17.318	ug/l	99
74) N-amyl acetate	12.07	43	171027	14.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	154715	17.069	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	126851m	15.083	ug/l	
77) Bromobenzene	12.53	156	110016	16.159	ug/l	97
78) n-propylbenzene	12.59	91	520199	15.700	ug/l	99
79) 2-Chlorotoluene	12.67	91	323814	15.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	391361	15.840	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	34233	15.019	ug/l	93
82) 4-Chlorotoluene	12.77	91	309022	15.837	ug/l	98
83) tert-Butylbenzene	12.99	119	340333	16.071	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	358630	15.827	ug/l	100
85) sec-Butylbenzene	13.17	105	441210	15.676	ug/l	99
86) p-Isopropyltoluene	13.29	119	356941	15.583	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	170097	16.169	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	162037	15.607	ug/l	98
89) n-Butylbenzene	13.61	91	253912	14.301	ug/l	98
90) Hexachloroethane	13.87	117	59083	15.812	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	166881	15.872	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20534	14.454	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45825	12.573	ug/l	99
94) Hexachlorobutadiene	15.01	225	59146	17.495	ug/l	98
95) Naphthalene	15.13	128	134348	12.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	53988	12.785	ug/l	98

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

