

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055548.D
 Acq On : 10 May 2019 13:37
 Operator : JC/SP
 Sample : VN0510WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 1:16:54 PM

Quant Time: May 11 01:39:56 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	693916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	514372	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.59	113	401884	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1529253	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	498465	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	126882	17.960	ug/l	99
3) Chloromethane	2.06	50	208106	18.132	ug/l	100
4) Vinyl Chloride	2.19	62	201970	18.641	ug/l	99
5) Bromomethane	2.54	94	110222	18.568	ug/l	96
6) Chloroethane	2.69	64	126353	20.022	ug/l	99
7) Trichlorofluoromethane	3.01	101	235479	19.812	ug/l	100
8) Diethyl Ether	3.41	74	106163	19.888	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145083	19.185	ug/l	99
10) Methyl Iodide	3.95	142	152878	14.957	ug/l	99
11) Tert butyl alcohol	4.82	59	142761	92.542	ug/l	100
12) 1,1-Dichloroethene	3.73	96	149196	19.672	ug/l	100
13) Acrolein	3.61	56	94538	91.951	ug/l	98
14) Allyl chloride	4.32	41	289204	18.615	ug/l	99
15) Acrylonitrile	5.00	53	472414	98.897	ug/l	99
16) Acetone	3.82	43	403744	83.457	ug/l	98
17) Carbon Disulfide	4.05	76	386128	18.654	ug/l	100
18) Methyl Acetate	4.33	43	204248	19.443	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	495032	19.644	ug/l	97
20) Methylene Chloride	4.54	84	187319	18.936	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	162687	19.785	ug/l	93
22) Diisopropyl ether	5.96	45	618514	19.592	ug/l	97
23) Vinyl Acetate	5.90	43	2371158	97.118	ug/l	100
24) 1,1-Dichloroethane	5.85	63	331374	19.444	ug/l	99
25) 2-Butanone	6.85	43	618542	92.558	ug/l	98
26) 2,2-Dichloropropane	6.82	77	201115	18.930	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	194886	20.508	ug/l	96
28) Bromochloromethane	7.20	49	194137	21.935	ug/l	96
29) Tetrahydrofuran	7.22	42	420878	95.267	ug/l	98
30) Chloroform	7.37	83	308880	19.606	ug/l	99
31) Cyclohexane	7.65	56	307116	18.214	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	241353	20.117	ug/l	100
36) 1,1-Dichloropropene	7.79	75	227523	19.095	ug/l	98
37) Ethyl Acetate	6.93	43	250750	19.292	ug/l	100
38) Carbon Tetrachloride	7.77	117	194824	19.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	263651	18.148	ug/l	97
40) Benzene	8.04	78	735129	19.879	ug/l	99
41) Methacrylonitrile	7.18	41	119895	19.874	ug/l	97
42) 1,2-Dichloroethane	8.13	62	250895	19.311	ug/l	100
43) Isopropyl Acetate	8.17	43	375575	19.020	ug/l	98
44) Trichloroethene	8.84	130	174774	19.863	ug/l	93
45) 1,2-Dichloropropane	9.12	63	202199	19.110	ug/l	99
46) Dibromomethane	9.21	93	122669	20.001	ug/l	99
47) Bromodichloromethane	9.40	83	228871	19.507	ug/l	96
48) Methyl methacrylate	9.20	41	177097	18.614	ug/l	97
49) 1,4-Dioxane	9.20	88	71562	385.926	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1229113	94.643	ug/l	100
52) Toluene	10.16	92	423193	20.018	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	218351	19.377	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	267378	19.857	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	171186	19.985	ug/l	98
56) Ethyl methacrylate	10.43	69	241741	18.974	ug/l	98
57) 1,3-Dichloropropane	10.71	76	301736	19.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	323535	84.170	ug/l	99
59) 2-Hexanone	10.75	43	845863	92.873	ug/l	100
60) Dibromochloromethane	10.90	129	153667	19.731	ug/l	96
61) 1,2-Dibromoethane	11.01	107	159170	19.340	ug/l	94
64) Tetrachloroethene	10.63	164	163659	19.081	ug/l	98
65) Chlorobenzene	11.43	112	423489	19.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152803	20.610	ug/l	99
67) Ethyl Benzene	11.51	91	771528	19.075	ug/l	99
68) m/p-Xylenes	11.62	106	569047	39.203	ug/l	99
69) o-Xylene	11.95	106	283341	19.860	ug/l	96
70) Styrene	11.96	104	455258	19.918	ug/l	100
71) Bromoform	12.13	173	101425	20.273	ug/l #	99
73) Isopropylbenzene	12.25	105	746020	20.789	ug/l	99
74) N-amyl acetate	12.07	43	287029	18.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	241086	20.684	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	202519m	18.297	ug/l	
77) Bromobenzene	12.53	156	172931	19.300	ug/l	95
78) n-propylbenzene	12.59	91	814913	18.687	ug/l	99
79) 2-Chlorotoluene	12.67	91	507306	18.667	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	610402	18.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	53718	17.908	ug/l	93
82) 4-Chlorotoluene	12.77	91	477516	18.595	ug/l	98
83) tert-Butylbenzene	12.99	119	530206	19.023	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	553683	18.567	ug/l	99
85) sec-Butylbenzene	13.17	105	690279	18.635	ug/l	99
86) p-Isopropyltoluene	13.29	119	555023	18.411	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	266428	19.243	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	258249	18.900	ug/l	98
89) n-Butylbenzene	13.61	91	390001	16.691	ug/l	100
90) Hexachloroethane	13.87	117	90892	18.483	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	270677	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34354	18.375	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78337	15.374	ug/l	98
94) Hexachlorobutadiene	15.01	225	83732	19.004	ug/l	99
95) Naphthalene	15.13	128	226690	15.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	91590	15.781	ug/l	97

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

