

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053470.D
 Acq On : 18 Jan 2019 14:23
 Operator : JC/SP
 Sample : VN0118WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:48:11 AM

Quant Time: Jan 19 00:38:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	833670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1225239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1108839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	539445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	412644	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.59	113	365418	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.09	98	1503792	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	525871	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133072	19.853	ug/l	99
3) Chloromethane	2.06	50	174949	18.256	ug/l	99
4) Vinyl Chloride	2.19	62	174179	18.855	ug/l	99
5) Bromomethane	2.58	94	118913	18.761	ug/l	97
6) Chloroethane	2.71	64	103120	18.463	ug/l	97
7) Trichlorofluoromethane	3.03	101	239982	19.861	ug/l	99
8) Diethyl Ether	3.42	74	90241	19.885	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	158783	20.750	ug/l	98
10) Methyl Iodide	3.96	142	218033	18.645	ug/l	99
11) Tert butyl alcohol	4.79	59	43953	109.010	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	143635	19.352	ug/l	98
13) Acrolein	3.61	56	58999	90.906	ug/l	99
14) Allyl chloride	4.33	41	235123	19.502	ug/l	99
15) Acrylonitrile	4.99	53	269832	101.689	ug/l	99
16) Acetone	3.82	43	205377	106.234	ug/l	98
17) Carbon Disulfide	4.06	76	416409	18.552	ug/l	100
18) Methyl Acetate	4.33	43	131786	20.233	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	397235	20.142	ug/l	99
20) Methylene Chloride	4.56	84	167990	19.033	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	156799	19.760	ug/l	97
22) Diisopropyl ether	5.95	45	505359	20.079	ug/l	98
23) Vinyl Acetate	5.90	43	1553588	100.417	ug/l	99
24) 1,1-Dichloroethane	5.85	63	299713	20.144	ug/l	99
25) 2-Butanone	6.84	43	313089	105.093	ug/l	99
26) 2,2-Dichloropropane	6.83	77	223351	19.882	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	183300	20.200	ug/l	99
28) Bromochloromethane	7.20	49	115363	17.600	ug/l	99
29) Tetrahydrofuran	7.21	42	199445	102.836	ug/l	99
30) Chloroform	7.37	83	293852	20.271	ug/l	97
31) Cyclohexane	7.66	56	281031	19.271	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	244942	19.919	ug/l	99
36) 1,1-Dichloropropene	7.80	75	225974	20.251	ug/l	99
37) Ethyl Acetate	6.93	43	134532	20.956	ug/l	99
38) Carbon Tetrachloride	7.78	117	212282	20.095	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	279650	20.277	ug/l	97
40) Benzene	8.04	78	684589	20.189	ug/l	99
41) Methacrylonitrile	7.17	41	75003	20.067	ug/l	96
42) 1,2-Dichloroethane	8.13	62	204244	20.676	ug/l	100
43) Isopropyl Acetate	8.16	43	247787	21.466	ug/l	98
44) Trichloroethene	8.84	130	190821	20.293	ug/l	100
45) 1,2-Dichloropropane	9.12	63	182787	20.352	ug/l	99
46) Dibromomethane	9.21	93	104755	20.301	ug/l	99
47) Bromodichloromethane	9.40	83	219144	20.195	ug/l	97
48) Methyl methacrylate	9.20	41	119760	20.093	ug/l	99
49) 1,4-Dioxane	9.20	88	25369	435.830	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	669315	106.215	ug/l	100
52) Toluene	10.16	92	427285	20.298	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	222232	20.204	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	259724	20.143	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	152010	20.945	ug/l	99
56) Ethyl methacrylate	10.43	69	191104	19.848	ug/l	99
57) 1,3-Dichloropropane	10.71	76	256977	20.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	509768	100.400	ug/l	100
59) 2-Hexanone	10.75	43	469955	106.238	ug/l	100
60) Dibromochloromethane	10.90	129	167302	20.324	ug/l	100
61) 1,2-Dibromoethane	11.01	107	149745	20.401	ug/l	100
64) Tetrachloroethene	10.63	164	210213	20.117	ug/l	99
65) Chlorobenzene	11.43	112	476757	20.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	165684	20.292	ug/l	99
67) Ethyl Benzene	11.51	91	811556	20.289	ug/l	99
68) m/p-Xylenes	11.62	106	630403	41.743	ug/l	99
69) o-Xylene	11.95	106	299676	20.422	ug/l	100
70) Styrene	11.96	104	501480	21.056	ug/l	100
71) Bromoform	12.13	173	115379	20.526	ug/l #	99
73) Isopropylbenzene	12.25	105	808208	20.459	ug/l	100
74) N-amyl acetate	12.07	43	216160	20.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	174226	21.029	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	150773m	21.209	ug/l	
77) Bromobenzene	12.53	156	212444	20.409	ug/l	99
78) n-propylbenzene	12.59	91	935607	20.633	ug/l	99
79) 2-Chlorotoluene	12.68	91	551237	20.509	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	666031	20.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51029	19.779	ug/l	97
82) 4-Chlorotoluene	12.77	91	563447	20.556	ug/l	100
83) tert-Butylbenzene	12.99	119	585553	20.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	673228	20.773	ug/l	100
85) sec-Butylbenzene	13.17	105	813016	20.883	ug/l	100
86) p-Isopropyltoluene	13.29	119	706739	20.907	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	375568	20.511	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	373227	20.320	ug/l	99
89) n-Butylbenzene	13.62	91	591300	20.520	ug/l	100
90) Hexachloroethane	13.88	117	105056	19.815	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	349445	20.744	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22736	21.643	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	154533	22.407	ug/l	99
94) Hexachlorobutadiene	15.01	225	119650	22.769	ug/l	100
95) Naphthalene	15.13	128	248994	21.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	114992	23.397	ug/l	99

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

