

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\
 Data File : VN059276.D
 Acq On : 18 Nov 2019 12:26
 Operator : JC/SP
 Sample : VN1118WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 11:01:43 AM

Quant Time: Nov 18 14:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	372054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	581807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	529949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	229681	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.57	113	187015	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.08	98	693121	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	254402	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	69635	18.576	ug/l 98
3) Chloromethane	2.04	50	94176	18.482	ug/l 99
4) Vinyl Chloride	2.17	62	94322	19.092	ug/l 99
5) Bromomethane	2.54	94	58083	20.431	ug/l 100
6) Chloroethane	2.68	64	58207	19.917	ug/l 100
7) Trichlorofluoromethane	3.00	101	124302	21.036	ug/l 99
8) Diethyl Ether	3.39	74	54393	22.654	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	78254	21.964	ug/l 100
10) Methyl Iodide	3.93	142	92329	20.936	ug/l 99
11) Tert butyl alcohol	4.75	59	98753	113.299	ug/l 99
12) 1,1-Dichloroethene	3.71	96	72391	20.858	ug/l 98
13) Acrolein	3.58	56	43034	95.762	ug/l 98
14) Allyl chloride	4.29	41	146259	20.515	ug/l 98
15) Acrylonitrile	4.95	53	246356	113.573	ug/l 98
16) Acetone	3.79	43	214468	90.177	ug/l 98
17) Carbon Disulfide	4.02	76	189511	17.590	ug/l 99
18) Methyl Acetate	4.29	43	132882	23.539	ug/l 99
19) Methyl tert-butyl Ether	5.01	73	275932	23.092	ug/l 100
20) Methylene Chloride	4.52	84	88708	21.410	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	79666	21.384	ug/l 96
22) Diisopropyl ether	5.92	45	300571	22.321	ug/l 93
23) Vinyl Acetate	5.86	43	1217252	116.635	ug/l 100
24) 1,1-Dichloroethane	5.82	63	165189	21.963	ug/l 100
25) 2-Butanone	6.81	43	324114	103.403	ug/l 98
26) 2,2-Dichloropropane	6.80	77	141487	21.514	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	94303	21.819	ug/l 98
28) Bromochloromethane	7.17	49	48389	21.385	ug/l 96
29) Tetrahydrofuran	7.18	42	220553	110.739	ug/l 98
30) Chloroform	7.35	83	163312	22.636	ug/l 99
31) Cyclohexane	7.63	56	137787	19.352	ug/l 97
32) 1,1,1-Trichloroethane	7.55	97	134844	22.230	ug/l 99
36) 1,1-Dichloropropene	7.77	75	115218	21.187	ug/l 99
37) Ethyl Acetate	6.90	43	132365	21.879	ug/l 98
38) Carbon Tetrachloride	7.75	117	115603	21.358	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	127168	20.149	ug/l	98
40) Benzene	8.02	78	360048	21.986	ug/l	99
41) Methacrylonitrile	7.16	41	62332m	23.694	ug/l	
42) 1,2-Dichloroethane	8.10	62	123089	21.915	ug/l	99
43) Isopropyl Acetate	8.14	43	209021	21.672	ug/l	100
44) Trichloroethene	8.82	130	89157	22.148	ug/l	100
45) 1,2-Dichloropropane	9.10	63	100098	22.504	ug/l	99
46) Dibromomethane	9.19	93	61060	22.029	ug/l	99
47) Bromodichloromethane	9.39	83	126936	22.934	ug/l	97
48) Methyl methacrylate	9.18	41	92809	21.513	ug/l	97
49) 1,4-Dioxane	9.18	88	34132	445.186	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	666318	122.095	ug/l	99
52) Toluene	10.14	92	217774	22.187	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	141242	22.088	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154562	22.470	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	91743	23.095	ug/l	99
56) Ethyl methacrylate	10.42	69	129833	20.735	ug/l	98
57) 1,3-Dichloropropane	10.70	76	156995	22.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	261034	118.075	ug/l	100
59) 2-Hexanone	10.74	43	471564	112.578	ug/l	99
60) Dibromochloromethane	10.90	129	95622	22.767	ug/l	98
61) 1,2-Dibromoethane	11.00	107	91353	22.717	ug/l	98
64) Tetrachloroethene	10.62	164	78475	21.777	ug/l	97
65) Chlorobenzene	11.43	112	229471	22.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	89282	23.039	ug/l	98
67) Ethyl Benzene	11.51	91	413666	22.569	ug/l	100
68) m/p-Xylenes	11.62	106	304900	44.408	ug/l	100
69) o-Xylene	11.95	106	145186	21.881	ug/l	99
70) Styrene	11.96	104	230267	22.066	ug/l	98
71) Bromoform	12.12	173	67983	22.553	ug/l #	99
73) Isopropylbenzene	12.25	105	396318	22.322	ug/l	100
74) N-amyl acetate	12.07	43	160809	21.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	137796	22.790	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127666m	22.974	ug/l	
77) Bromobenzene	12.53	156	96495	21.632	ug/l	99
78) n-propylbenzene	12.59	91	448917	22.082	ug/l	99
79) 2-Chlorotoluene	12.67	91	278148	22.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	331947	22.064	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45615	21.681	ug/l	99
82) 4-Chlorotoluene	12.77	91	279113	22.066	ug/l	98
83) tert-Butylbenzene	12.99	119	290892	22.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	332767	22.862	ug/l	98
85) sec-Butylbenzene	13.17	105	379020	22.431	ug/l	99
86) p-Isopropyltoluene	13.29	119	331802	22.240	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167861	21.975	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	167398	21.903	ug/l	100
89) n-Butylbenzene	13.62	91	283732	21.728	ug/l	99
90) Hexachloroethane	13.88	117	63091	21.059	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	167656	22.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27331	22.671	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	89100	21.399	ug/l	98
94) Hexachlorobutadiene	15.01	225	60478	23.342	ug/l	99
95) Naphthalene	15.13	128	233776	20.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	90930	21.593	ug/l	99

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

