

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059304.D
 Acq On : 19 Nov 2019 13:51
 Operator : JC/SP
 Sample : VN1119MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119MBS02

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:20 PM

Quant Time: Nov 20 02:29:34 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	7.65	168	356281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	558650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	498072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	203482	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
35) Dibromofluoromethane	7.57	113	163576	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.08	98	611195	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	222031	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	110758	30.855	ug/l	99
3) Chloromethane	2.04	50	127942	26.220	ug/l	99
4) Vinyl Chloride	2.17	62	134277	28.383	ug/l	100
5) Bromomethane	2.55	94	70618	25.939	ug/l	95
6) Chloroethane	2.68	64	69128	24.702	ug/l	98
7) Trichlorofluoromethane	3.00	101	133071	23.516	ug/l	99
8) Diethyl Ether	3.39	74	56373	24.518	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	82713	24.243	ug/l	99
10) Methyl Iodide	3.93	142	96353	22.816	ug/l	99
11) Tert butyl alcohol	4.75	59	97759	117.124	ug/l	100
12) 1,1-Dichloroethene	3.71	96	83028	24.982	ug/l	97
13) Acrolein	3.58	56	35730	83.029	ug/l	99
14) Allyl chloride	4.30	41	156740	22.959	ug/l	99
15) Acrylonitrile	4.96	53	247789	119.291	ug/l	99
16) Acetone	3.79	43	205338	90.160	ug/l	100
17) Carbon Disulfide	4.03	76	262908	25.483	ug/l	99
18) Methyl Acetate	4.30	43	138382	25.599	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	277170	24.223	ug/l	99
20) Methylene Chloride	4.53	84	92590	23.336	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	86895	24.357	ug/l	94
22) Diisopropyl ether	5.92	45	297838	23.097	ug/l	96
23) Vinyl Acetate	5.87	43	1187334	118.805	ug/l	99
24) 1,1-Dichloroethane	5.82	63	168584	23.407	ug/l	98
25) 2-Butanone	6.81	43	323303	107.711	ug/l	99
26) 2,2-Dichloropropane	6.80	77	142785	22.672	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	99743	24.099	ug/l	98
28) Bromochloromethane	7.17	49	38709	17.864	ug/l	95
29) Tetrahydrofuran	7.19	42	223746	117.316	ug/l	96
30) Chloroform	7.35	83	163397	23.650	ug/l	98
31) Cyclohexane	7.63	56	162885	23.889	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	138754	23.887	ug/l	99
36) 1,1-Dichloropropene	7.77	75	125852	24.101	ug/l	100
37) Ethyl Acetate	6.91	43	136851	23.558	ug/l	99
38) Carbon Tetrachloride	7.75	117	120374	23.161	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	153433	25.318	ug/l	97
40) Benzene	8.02	78	377043	23.978	ug/l	99
41) Methacrylonitrile	7.16	41	62652m	24.803	ug/l	
42) 1,2-Dichloroethane	8.10	62	125788	23.324	ug/l	98
43) Isopropyl Acetate	8.15	43	205920	22.235	ug/l	99
44) Trichloroethene	8.82	130	93916	24.297	ug/l	97
45) 1,2-Dichloropropane	9.10	63	99776	23.361	ug/l	99
46) Dibromomethane	9.19	93	59649	22.412	ug/l	96
47) Bromodichloromethane	9.39	83	122371	23.026	ug/l	98
48) Methyl methacrylate	9.18	41	91198	22.015	ug/l	97
49) 1,4-Dioxane	9.19	88	31449	427.195	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	653942	124.795	ug/l	100
52) Toluene	10.15	92	228476	24.242	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	139808	22.770	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154278	23.359	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	88927	23.314	ug/l	98
56) Ethyl methacrylate	10.42	69	130718	21.651	ug/l	98
57) 1,3-Dichloropropane	10.70	76	153163	23.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	213386	100.523	ug/l	99
59) 2-Hexanone	10.74	43	471560	117.243	ug/l	99
60) Dibromochloromethane	10.90	129	90959	22.555	ug/l	97
61) 1,2-Dibromoethane	11.00	107	91253	23.633	ug/l	99
64) Tetrachloroethene	10.63	164	81565	24.083	ug/l	97
65) Chlorobenzene	11.43	112	235599	24.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	86183	23.662	ug/l	99
67) Ethyl Benzene	11.51	91	426539	24.760	ug/l	100
68) m/p-Xylenes	11.62	106	314429	48.727	ug/l	99
69) o-Xylene	11.95	106	150793	24.181	ug/l	99
70) Styrene	11.96	104	238132	24.280	ug/l	99
71) Bromoform	12.13	173	64708	22.840	ug/l #	98
73) Isopropylbenzene	12.25	105	407709	24.864	ug/l	99
74) N-amyl acetate	12.07	43	155873	22.434	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	134674	24.117	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	119183m	23.223	ug/l	
77) Bromobenzene	12.53	156	97395	23.641	ug/l	97
78) n-propylbenzene	12.59	91	462282	24.622	ug/l	100
79) 2-Chlorotoluene	12.67	91	278903	23.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	343870	24.749	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43805	22.544	ug/l	98
82) 4-Chlorotoluene	12.77	91	278148	23.810	ug/l	98
83) tert-Butylbenzene	12.99	119	291435	24.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	335095	24.928	ug/l	99
85) sec-Butylbenzene	13.17	105	385585	24.709	ug/l	99
86) p-Isopropyltoluene	13.29	119	339480	24.638	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167224	23.704	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	161414	22.868	ug/l	98
89) n-Butylbenzene	13.62	91	285631	23.685	ug/l	99
90) Hexachloroethane	13.88	117	62270	22.506	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	164691	23.732	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26309	23.629	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	90690	23.273	ug/l	100
94) Hexachlorobutadiene	15.01	225	60546	25.303	ug/l	98
95) Naphthalene	15.13	128	247044	22.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	94552	24.312	ug/l	99

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

