

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055497.D
 Acq On : 9 May 2019 15:14
 Operator : JC/SP
 Sample : VN0509MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:43:41 PM

Quant Time: May 10 04:31:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	703147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1234245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1085780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	418364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	533366	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	407689	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.09	98	1590055	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	517168	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	143113	19.991	ug/l	97
3) Chloromethane	2.06	50	235339	20.235	ug/l	99
4) Vinyl Chloride	2.19	62	222105	20.231	ug/l	96
5) Bromomethane	2.54	94	128804	21.413	ug/l	97
6) Chloroethane	2.70	64	135518	21.192	ug/l	96
7) Trichlorofluoromethane	3.01	101	247537	20.553	ug/l	96
8) Diethyl Ether	3.41	74	111556	20.624	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	154436	20.154	ug/l	99
10) Methyl Iodide	3.95	142	216271	20.882	ug/l	100
11) Tert butyl alcohol	4.81	59	144054	92.154	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	157117	20.445	ug/l	100
13) Acrolein	3.61	56	105218	100.995	ug/l	100
14) Allyl chloride	4.32	41	309593	19.666	ug/l	99
15) Acrylonitrile	4.99	53	489581	101.145	ug/l	99
16) Acetone	3.82	43	418475	85.366	ug/l	98
17) Carbon Disulfide	4.05	76	400286	19.084	ug/l	99
18) Methyl Acetate	4.33	43	209462	19.691	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	519952	20.362	ug/l	98
20) Methylene Chloride	4.55	84	195833	19.536	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	172931	20.755	ug/l	94
22) Diisopropyl ether	5.96	45	668718	20.904	ug/l	98
23) Vinyl Acetate	5.90	43	2491334	100.701	ug/l	100
24) 1,1-Dichloroethane	5.85	63	354865	20.549	ug/l	99
25) 2-Butanone	6.84	43	657775	97.136	ug/l	100
26) 2,2-Dichloropropane	6.83	77	201332	18.702	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	199918	20.761	ug/l	100
28) Bromochloromethane	7.20	49	193534	21.580	ug/l	98
29) Tetrahydrofuran	7.22	42	447216	99.900	ug/l	99
30) Chloroform	7.37	83	327451	20.511	ug/l	99
31) Cyclohexane	7.65	56	341251	19.972	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	247723	20.377	ug/l	99
36) 1,1-Dichloropropene	7.79	75	255664	21.026	ug/l	99
37) Ethyl Acetate	6.94	43	269503	20.318	ug/l	99
38) Carbon Tetrachloride	7.77	117	201782	19.708	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	289399	19.520	ug/l	98
40) Benzene	8.04	78	785424	20.813	ug/l	100
41) Methacrylonitrile	7.17	41	94548m	15.358	ug/l	
42) 1,2-Dichloroethane	8.13	62	267899	20.206	ug/l	99
43) Isopropyl Acetate	8.17	43	391735	19.440	ug/l	99
44) Trichloroethene	8.83	130	183653	20.453	ug/l	97
45) 1,2-Dichloropropane	9.12	63	223211	20.672	ug/l	99
46) Dibromomethane	9.21	93	126865	20.270	ug/l	98
47) Bromodichloromethane	9.40	83	239707	20.020	ug/l	99
48) Methyl methacrylate	9.20	41	184555	19.009	ug/l	99
49) 1,4-Dioxane	9.20	88	71749	379.161	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1284456	96.917	ug/l	100
52) Toluene	10.16	92	447058	20.722	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	223127	19.403	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	272893	19.859	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	180102	20.604	ug/l	99
56) Ethyl methacrylate	10.43	69	250859	19.294	ug/l	100
57) 1,3-Dichloropropane	10.71	76	325165	20.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	294892	76.514	ug/l	99
59) 2-Hexanone	10.75	43	878303	94.498	ug/l	100
60) Dibromochloromethane	10.90	129	155844	19.609	ug/l	99
61) 1,2-Dibromoethane	11.01	107	170365	20.285	ug/l	99
64) Tetrachloroethene	10.63	164	183642	20.641	ug/l	99
65) Chlorobenzene	11.43	112	453547	20.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151207	19.662	ug/l	98
67) Ethyl Benzene	11.51	91	826626	19.703	ug/l	99
68) m/p-Xylenes	11.62	106	609124	40.456	ug/l	99
69) o-Xylene	11.95	106	299319	20.226	ug/l	99
70) Styrene	11.96	104	486978	20.540	ug/l	99
71) Bromoform	12.13	173	96998	18.691	ug/l #	99
73) Isopropylbenzene	12.25	105	791781	21.526	ug/l	100
74) N-amyl acetate	12.07	43	294768	18.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	245823	20.473	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	209579m	18.401	ug/l	
77) Bromobenzene	12.53	156	181586	19.695	ug/l	96
78) n-propylbenzene	12.59	91	888334	19.797	ug/l	100
79) 2-Chlorotoluene	12.67	91	549804	19.661	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	661110	19.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53095	17.202	ug/l	90
82) 4-Chlorotoluene	12.77	91	513533	19.434	ug/l	99
83) tert-Butylbenzene	12.99	119	566031	19.737	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	604341	19.694	ug/l	100
85) sec-Butylbenzene	13.17	105	745153	19.550	ug/l	99
86) p-Isopropyltoluene	13.29	119	609214	19.640	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286471	20.108	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	275436	19.590	ug/l	99
89) n-Butylbenzene	13.61	91	445836	18.542	ug/l	100
90) Hexachloroethane	13.87	117	91245	18.032	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	285987	20.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34079	17.714	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	90302	16.837	ug/l	98
94) Hexachlorobutadiene	15.01	225	94391	21.053	ug/l	98
95) Naphthalene	15.13	128	246476	16.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	100462	16.662	ug/l	99

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

