

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053676.D
 Acq On : 8 Feb 2019 12:50
 Operator : JC/SP
 Sample : VN0208MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:50:16 AM

Quant Time: Feb 09 02:49:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	675895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	328505	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.59	113	315027	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.09	98	1146534	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	387003	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	140854	18.698	ug/l	99
3) Chloromethane	2.06	50	147289	18.356	ug/l	100
4) Vinyl Chloride	2.19	62	145534	18.683	ug/l	98
5) Bromomethane	2.57	94	106705	20.951	ug/l	97
6) Chloroethane	2.71	64	96079	21.584	ug/l	99
7) Trichlorofluoromethane	3.02	101	217391	20.580	ug/l	99
8) Diethyl Ether	3.41	74	76703	19.883	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	137198	21.001	ug/l	100
10) Methyl Iodide	3.96	142	191106	18.638	ug/l	100
11) Tert butyl alcohol	4.78	59	37152	92.582	ug/l	99
12) 1,1-Dichloroethene	3.74	96	122831	19.625	ug/l	99
13) Acrolein	3.61	56	19210	87.924	ug/l	97
14) Allyl chloride	4.33	41	192995	19.366	ug/l	98
15) Acrylonitrile	4.98	53	214141	98.848	ug/l	98
16) Acetone	3.82	43	176054	101.226	ug/l	97
17) Carbon Disulfide	4.06	76	348677	17.891	ug/l	100
18) Methyl Acetate	4.32	43	108858	21.134	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	308766	19.460	ug/l	98
20) Methylene Chloride	4.55	84	138599	18.995	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	124566	18.447	ug/l	97
22) Diisopropyl ether	5.95	45	351329	19.026	ug/l	99
23) Vinyl Acetate	5.90	43	1207560	94.532	ug/l	99
24) 1,1-Dichloroethane	5.85	63	235816	19.147	ug/l	99
25) 2-Butanone	6.84	43	235061	94.763	ug/l	98
26) 2,2-Dichloropropane	6.83	77	176163	18.737	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	144962	19.306	ug/l	98
28) Bromochloromethane	7.19	49	103679	19.398	ug/l	94
29) Tetrahydrofuran	7.21	42	152823	95.945	ug/l	98
30) Chloroform	7.37	83	232337	19.030	ug/l	99
31) Cyclohexane	7.65	56	208866	18.107	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	195966	19.287	ug/l	99
36) 1,1-Dichloropropene	7.79	75	170108	18.898	ug/l	99
37) Ethyl Acetate	6.93	43	101457	20.181	ug/l	97
38) Carbon Tetrachloride	7.77	117	178411	19.675	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197382	18.483	ug/l	98
40) Benzene	8.04	78	542980	19.561	ug/l	99
41) Methacrylonitrile	7.17	41	43364	15.433	ug/l #	73
42) 1,2-Dichloroethane	8.12	62	161934	19.647	ug/l	100
43) Isopropyl Acetate	8.17	43	189434	19.511	ug/l	97
44) Trichloroethene	8.84	130	152505	19.298	ug/l	98
45) 1,2-Dichloropropane	9.12	63	141345	19.908	ug/l	100
46) Dibromomethane	9.21	93	83238	19.449	ug/l	97
47) Bromodichloromethane	9.40	83	178373	20.045	ug/l	99
48) Methyl methacrylate	9.20	41	81898	17.671	ug/l	89
49) 1,4-Dioxane	9.20	88	25252	400.430	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	472961	99.133	ug/l	98
52) Toluene	10.16	92	326023	19.790	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	167871	18.839	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	204669	19.383	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	122791	20.684	ug/l	97
56) Ethyl methacrylate	10.43	69	137191	19.535	ug/l	98
57) 1,3-Dichloropropane	10.71	76	199135	19.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	336636	82.826	ug/l	99
59) 2-Hexanone	10.75	43	298011	92.011	ug/l	99
60) Dibromochloromethane	10.90	129	132706	19.824	ug/l	98
61) 1,2-Dibromoethane	11.00	107	112938	19.221	ug/l	100
64) Tetrachloroethene	10.63	164	145753	19.735	ug/l	99
65) Chlorobenzene	11.43	112	356952	19.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	129732	20.298	ug/l	100
67) Ethyl Benzene	11.51	91	589327	19.603	ug/l	100
68) m/p-Xylenes	11.62	106	465411	40.562	ug/l	99
69) o-Xylene	11.95	106	224474	20.250	ug/l	97
70) Styrene	11.97	104	362738	20.189	ug/l	99
71) Bromoform	12.13	173	89324	20.385	ug/l #	98
73) Isopropylbenzene	12.25	105	592899	20.236	ug/l	99
74) N-amyl acetate	12.07	43	139083	19.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	136735	19.500	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	103439m	19.323	ug/l	
77) Bromobenzene	12.53	156	157509	19.947	ug/l	97
78) n-propylbenzene	12.59	91	687670	20.303	ug/l	100
79) 2-Chlorotoluene	12.68	91	408033	20.306	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	507790	20.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34272	18.002	ug/l	95
82) 4-Chlorotoluene	12.77	91	414863	20.120	ug/l	99
83) tert-Butylbenzene	12.99	119	447902	20.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	522840	21.122	ug/l	100
85) sec-Butylbenzene	13.17	105	618692	21.173	ug/l	100
86) p-Isopropyltoluene	13.29	119	537429	21.029	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276061	19.448	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	271919	19.366	ug/l	98
89) n-Butylbenzene	13.62	91	450490	20.365	ug/l	99
90) Hexachloroethane	13.88	117	88065	20.891	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	270807	19.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19498	19.511	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	144559	18.548	ug/l	99
94) Hexachlorobutadiene	15.01	225	103935	21.414	ug/l	99
95) Naphthalene	15.13	128	278643	16.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	136892	18.929	ug/l	99

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

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