

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055490.D
 Acq On : 9 May 2019 12:18
 Operator : JC/SP
 Sample : VN0509MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:43:34 PM

Quant Time: May 09 15:33:39 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	704096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1199718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1033642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	405911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	516605	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	390096	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1527784	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	500149	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	137878	19.234	ug/l	100
3) Chloromethane	2.06	50	226949	19.487	ug/l	97
4) Vinyl Chloride	2.19	62	217793	19.811	ug/l	98
5) Bromomethane	2.55	94	126336	20.974	ug/l	99
6) Chloroethane	2.70	64	133599	20.864	ug/l	96
7) Trichlorofluoromethane	3.02	101	245684	20.371	ug/l	98
8) Diethyl Ether	3.41	74	108148	19.967	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	152753	19.908	ug/l	98
10) Methyl Iodide	3.95	142	209808	20.230	ug/l	100
11) Tert butyl alcohol	4.81	59	141700	90.526	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	153225	19.911	ug/l	97
13) Acrolein	3.61	56	105547	101.175	ug/l	100
14) Allyl chloride	4.32	41	303790	19.272	ug/l	98
15) Acrylonitrile	5.00	53	474971	97.995	ug/l	100
16) Acetone	3.82	43	455705	92.835	ug/l	99
17) Carbon Disulfide	4.05	76	409821	19.513	ug/l	99
18) Methyl Acetate	4.33	43	201606	18.883	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	496397	19.413	ug/l	98
20) Methylene Chloride	4.55	84	190087	18.938	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	169753	20.346	ug/l	96
22) Diisopropyl ether	5.96	45	639792	19.973	ug/l	93
23) Vinyl Acetate	5.90	43	2429074	98.052	ug/l	99
24) 1,1-Dichloroethane	5.85	63	340319	19.680	ug/l	99
25) 2-Butanone	6.84	43	647495	95.489	ug/l	99
26) 2,2-Dichloropropane	6.83	77	213493	19.805	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	194615	20.183	ug/l	99
28) Bromochloromethane	7.20	49	170668	19.005	ug/l	96
29) Tetrahydrofuran	7.22	42	423122	94.390	ug/l	100
30) Chloroform	7.37	83	321802	20.130	ug/l	98
31) Cyclohexane	7.65	56	333501	19.492	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	242691	19.936	ug/l	98
36) 1,1-Dichloropropene	7.79	75	241732	20.452	ug/l	99
37) Ethyl Acetate	6.93	43	261203	20.259	ug/l	99
38) Carbon Tetrachloride	7.77	117	202491	20.346	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	285044	19.780	ug/l	98
40) Benzene	8.04	78	746894	20.361	ug/l	99
41) Methacrylonitrile	7.18	41	93355	15.601	ug/l #	73
42) 1,2-Dichloroethane	8.12	62	254541	19.751	ug/l	100
43) Isopropyl Acetate	8.17	43	383352	19.571	ug/l	98
44) Trichloroethene	8.83	130	178404	20.440	ug/l	96
45) 1,2-Dichloropropane	9.12	63	209618	19.972	ug/l	98
46) Dibromomethane	9.21	93	123857	20.359	ug/l	99
47) Bromodichloromethane	9.40	83	236575	20.327	ug/l	98
48) Methyl methacrylate	9.20	41	183069	19.398	ug/l	99
49) 1,4-Dioxane	9.20	88	71348	387.893	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1247144	96.810	ug/l	100
52) Toluene	10.16	92	431426	20.572	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	227534	20.356	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	271611	20.335	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	173749	20.449	ug/l	99
56) Ethyl methacrylate	10.43	69	243853	19.295	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305738	20.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	328023	85.753	ug/l	98
59) 2-Hexanone	10.75	43	866254	95.884	ug/l	100
60) Dibromochloromethane	10.90	129	158115	20.467	ug/l	99
61) 1,2-Dibromoethane	11.00	107	163999	20.089	ug/l	98
64) Tetrachloroethene	10.63	164	175155	20.680	ug/l	97
65) Chlorobenzene	11.43	112	437501	20.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	150944	20.618	ug/l	99
67) Ethyl Benzene	11.51	91	809853	20.277	ug/l	100
68) m/p-Xylenes	11.62	106	591465	41.265	ug/l	99
69) o-Xylene	11.95	106	292724	20.778	ug/l	100
70) Styrene	11.96	104	470234	20.834	ug/l	100
71) Bromoform	12.13	173	101743	20.594	ug/l #	100
73) Isopropylbenzene	12.25	105	773632	21.696	ug/l	100
74) N-amyl acetate	12.07	43	282431	18.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	239611	20.579	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	214825m	19.441	ug/l	
77) Bromobenzene	12.53	156	174163	19.469	ug/l	97
78) n-propylbenzene	12.59	91	868512	19.949	ug/l	99
79) 2-Chlorotoluene	12.67	91	529643	19.521	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	647199	19.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55571	18.556	ug/l	92
82) 4-Chlorotoluene	12.77	91	501334	19.555	ug/l	100
83) tert-Butylbenzene	12.99	119	540688	19.431	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	595021	19.986	ug/l	100
85) sec-Butylbenzene	13.17	105	724995	19.605	ug/l	99
86) p-Isopropyltoluene	13.29	119	598667	19.892	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	279825	20.244	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271256	19.885	ug/l	99
89) n-Butylbenzene	13.61	91	444590	19.058	ug/l	99
90) Hexachloroethane	13.87	117	96175	19.590	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	284813	20.616	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32294	17.301	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	87000	16.741	ug/l	98
94) Hexachlorobutadiene	15.01	225	93202	21.468	ug/l	100
95) Naphthalene	15.13	128	236608	16.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	98803	16.856	ug/l	99

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

