

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055122.D
 Acq On : 18 Apr 2019 15:45
 Operator : JC/SP
 Sample : VN0418MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 5:46:56 PM

Quant Time: Apr 19 09:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	403539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	649595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	265005	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	213472	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	768231	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	247836	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	82635	18.019	ug/l	98
3) Chloromethane	2.06	50	103296	17.269	ug/l	100
4) Vinyl Chloride	2.19	62	85257	16.958	ug/l	99
5) Bromomethane	2.56	94	41724	14.670	ug/l	94
6) Chloroethane	2.70	64	47012	17.339	ug/l	97
7) Trichlorofluoromethane	3.02	101	124932	19.869	ug/l	99
8) Diethyl Ether	3.41	74	47655	23.743	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	76441	23.231	ug/l	98
10) Methyl Iodide	3.95	142	82715	16.199	ug/l	94
11) Tert butyl alcohol	4.80	59	36823	125.239	ug/l	99
12) 1,1-Dichloroethene	3.74	96	71537	22.335	ug/l	89
13) Acrolein	3.61	56	26272	72.290	ug/l	99
14) Allyl chloride	4.32	41	147793	18.851	ug/l	99
15) Acrylonitrile	4.99	53	184963	105.144	ug/l	99
16) Acetone	3.82	43	168451	115.703	ug/l	91
17) Carbon Disulfide	4.05	76	168903	16.336	ug/l	99
18) Methyl Acetate	4.33	43	90622	21.346	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	231475	20.203	ug/l	98
20) Methylene Chloride	4.55	84	91017	17.784	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	78003	18.007	ug/l	93
22) Diisopropyl ether	5.95	45	317062	19.673	ug/l	# 92
23) Vinyl Acetate	5.90	43	1090885	102.402	ug/l	99
24) 1,1-Dichloroethane	5.85	63	163118	19.006	ug/l	99
25) 2-Butanone	6.84	43	241980	111.362	ug/l	100
26) 2,2-Dichloropropane	6.83	77	104531	19.297	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	94501	19.282	ug/l	98
28) Bromochloromethane	7.20	49	82141	19.854	ug/l	97
29) Tetrahydrofuran	7.21	42	152136	106.768	ug/l	98
30) Chloroform	7.37	83	162019	19.435	ug/l	95
31) Cyclohexane	7.66	56	145761	18.420	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	126229	19.111	ug/l	98
36) 1,1-Dichloropropene	7.79	75	110055	17.972	ug/l	100
37) Ethyl Acetate	6.93	43	95375	19.131	ug/l	97
38) Carbon Tetrachloride	7.77	117	104101	17.868	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117807	17.753	ug/l	98
40) Benzene	8.04	78	351117	19.025	ug/l	99
41) Methacrylonitrile	7.18	41	59752	21.592	ug/l	91
42) 1,2-Dichloroethane	8.13	62	124871	19.487	ug/l	100
43) Isopropyl Acetate	8.17	43	158531	20.637	ug/l	98
44) Trichloroethene	8.83	130	86564	18.726	ug/l	97
45) 1,2-Dichloropropane	9.12	63	99645	19.360	ug/l	98
46) Dibromomethane	9.21	93	55978	19.107	ug/l	93
47) Bromodichloromethane	9.40	83	117930	19.524	ug/l	97
48) Methyl methacrylate	9.20	41	77411	20.331	ug/l	98
49) 1,4-Dioxane	9.20	88	19184	537.791	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	490651	110.558	ug/l	99
52) Toluene	10.16	92	206753	19.560	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	102605	19.438	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	125842	19.208	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	80882	19.860	ug/l	98
56) Ethyl methacrylate	10.43	69	100913	20.647	ug/l	99
57) 1,3-Dichloropropane	10.71	76	139575	20.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	191983	96.327	ug/l	98
59) 2-Hexanone	10.75	43	314126	112.693	ug/l	99
60) Dibromochloromethane	10.90	129	79708	20.043	ug/l	98
61) 1,2-Dibromoethane	11.01	107	77162	20.585	ug/l	96
64) Tetrachloroethene	10.63	164	82462	18.284	ug/l	96
65) Chlorobenzene	11.43	112	209929	18.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	80051	19.496	ug/l	99
67) Ethyl Benzene	11.51	91	387269	19.425	ug/l	98
68) m/p-Xylenes	11.62	106	277101	38.383	ug/l	99
69) o-Xylene	11.95	106	138040	19.741	ug/l	98
70) Styrene	11.96	104	223403	19.738	ug/l	99
71) Bromoform	12.13	173	48217	20.487	ug/l #	98
73) Isopropylbenzene	12.25	105	362064	18.880	ug/l	100
74) N-amyl acetate	12.07	43	114869	21.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105121	20.486	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	96837m	24.919	ug/l	
77) Bromobenzene	12.53	156	88645	18.542	ug/l	97
78) n-propylbenzene	12.59	91	395946	19.110	ug/l	100
79) 2-Chlorotoluene	12.67	91	246293	19.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	296437	19.155	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	21025	21.635	ug/l	94
82) 4-Chlorotoluene	12.77	91	233820	19.393	ug/l	99
83) tert-Butylbenzene	12.99	119	251548	19.247	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	282660	19.273	ug/l	99
85) sec-Butylbenzene	13.17	105	322766	19.381	ug/l	98
86) p-Isopropyltoluene	13.29	119	274794	19.233	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	139338	19.175	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133743	19.300	ug/l	99
89) n-Butylbenzene	13.61	91	200953	18.946	ug/l	99
90) Hexachloroethane	13.87	117	44135	18.985	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	142021	19.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13327	21.091	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	48158	16.430	ug/l	99
94) Hexachlorobutadiene	15.01	225	43818	19.404	ug/l	99
95) Naphthalene	15.13	128	112845	16.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	53485	18.963	ug/l	98

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

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