

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055678.D
 Acq On : 20 May 2019 16:52
 Operator : JC/SP
 Sample : VN0520MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 12:38:22 PM

Quant Time: May 21 05:18:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	330965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	492632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	416863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	169101	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.59	113	156390	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.09	98	575552	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	183384	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	43961	17.263	ug/l 100
3) Chloromethane	2.06	50	56729	16.702	ug/l 100
4) Vinyl Chloride	2.18	62	65370	17.774	ug/l 98
5) Bromomethane	2.54	94	45920	19.591	ug/l 99
6) Chloroethane	2.69	64	38079	18.647	ug/l 97
7) Trichlorofluoromethane	3.02	101	86187	18.287	ug/l 98
8) Diethyl Ether	3.41	74	36299	19.172	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	53278	18.542	ug/l 98
10) Methyl Iodide	3.96	142	77521	18.714	ug/l 99
11) Tert butyl alcohol	4.77	59	67321	99.504	ug/l 98
12) 1,1-Dichloroethene	3.74	96	54771	18.121	ug/l 99
13) Acrolein	3.61	56	30790	90.094	ug/l 94
14) Allyl chloride	4.33	41	85673	17.558	ug/l 98
15) Acrylonitrile	4.99	53	143965	95.642	ug/l 99
16) Acetone	3.82	43	117658	79.467	ug/l 96
17) Carbon Disulfide	4.06	76	143248	17.048	ug/l 100
18) Methyl Acetate	4.32	43	64185	20.221	ug/l 99
19) Methyl tert-butyl Ether	5.04	73	185251	18.526	ug/l 99
20) Methylene Chloride	4.55	84	62406	18.469	ug/l 95
21) trans-1,2-Dichloroethene	5.04	96	58251	18.091	ug/l 93
22) Diisopropyl ether	5.95	45	170810	17.666	ug/l 98
23) Vinyl Acetate	5.89	43	739232	90.102	ug/l 98
24) 1,1-Dichloroethane	5.85	63	103754	18.301	ug/l 99
25) 2-Butanone	6.83	43	188498	91.054	ug/l 98
26) 2,2-Dichloropropane	6.83	77	73020	14.512	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	68714	18.327	ug/l 94
28) Bromochloromethane	7.20	49	46157	18.714	ug/l 91
29) Tetrahydrofuran	7.21	42	128123	93.417	ug/l 97
30) Chloroform	7.37	83	106781	18.349	ug/l 98
31) Cyclohexane	7.66	56	93975	17.465	ug/l 93
32) 1,1,1-Trichloroethane	7.57	97	95097	18.219	ug/l 99
36) 1,1-Dichloropropene	7.79	75	77430	17.629	ug/l 98
37) Ethyl Acetate	6.93	43	78710	19.859	ug/l 98
38) Carbon Tetrachloride	7.77	117	86075	18.340	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	93103	17.584	ug/l	99
40) Benzene	8.04	78	243724	18.866	ug/l	99
41) Methacrylonitrile	7.17	41	33934	20.026	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	79334	18.965	ug/l	99
43) Isopropyl Acetate	8.16	43	137749	19.980	ug/l	98
44) Trichloroethene	8.84	130	68821	18.879	ug/l	98
45) 1,2-Dichloropropane	9.12	63	63261	18.588	ug/l	97
46) Dibromomethane	9.21	93	42475	19.069	ug/l	95
47) Bromodichloromethane	9.40	83	86144	18.453	ug/l	98
48) Methyl methacrylate	9.20	41	59922	19.446	ug/l	99
49) 1,4-Dioxane	9.20	88	26651	435.251	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	377603	93.373	ug/l	99
52) Toluene	10.16	92	151483	18.695	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	88981	17.709	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	99838	18.138	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	62965	18.876	ug/l	99
56) Ethyl methacrylate	10.43	69	95989	18.434	ug/l	96
57) 1,3-Dichloropropane	10.71	76	99783	18.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	192534	87.019	ug/l	98
59) 2-Hexanone	10.75	43	257122	90.307	ug/l	97
60) Dibromochloromethane	10.90	129	74694	19.757	ug/l	98
61) 1,2-Dibromoethane	11.01	107	65872	19.736	ug/l	99
64) Tetrachloroethene	10.63	164	67362	20.488	ug/l	97
65) Chlorobenzene	11.43	112	162114	19.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	68268	20.126	ug/l	99
67) Ethyl Benzene	11.51	91	283149	18.851	ug/l	99
68) m/p-Xylenes	11.62	106	214639	37.841	ug/l	98
69) o-Xylene	11.95	106	108161	19.496	ug/l	95
70) Styrene	11.96	104	172980	18.752	ug/l	99
71) Bromoform	12.13	173	57353	19.952	ug/l #	100
73) Isopropylbenzene	12.25	105	281819	22.639	ug/l	100
74) N-amyl acetate	12.07	43	97164	20.642	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86464	22.416	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	71477m	20.896	ug/l	
77) Bromobenzene	12.53	156	73388	21.317	ug/l	93
78) n-propylbenzene	12.59	91	284605	19.119	ug/l	99
79) 2-Chlorotoluene	12.67	91	179170	21.532	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	231331	21.872	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24639	18.517	ug/l	99
82) 4-Chlorotoluene	12.77	91	166182	18.947	ug/l	99
83) tert-Butylbenzene	12.99	119	207804	22.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	227668	21.702	ug/l	100
85) sec-Butylbenzene	13.17	105	254316	21.473	ug/l	99
86) p-Isopropyltoluene	13.29	119	229756	21.006	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	112497	19.763	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106166	19.534	ug/l	99
89) n-Butylbenzene	13.61	91	165060	17.944	ug/l	99
90) Hexachloroethane	13.87	117	47593	22.694	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	113892	20.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15444	20.301	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51661	17.886	ug/l	98
94) Hexachlorobutadiene	15.01	225	41514	22.193	ug/l	98
95) Naphthalene	15.13	128	145805	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	55375	18.336	ug/l	99

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

