

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055571.D
 Acq On : 13 May 2019 11:38
 Operator : JC/SP
 Sample : VN0513MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:42:32 AM

Quant Time: May 14 02:11:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	682131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1163363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	997166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	494403	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	385841	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.09	98	1473146	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	480327	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	123992	17.854	ug/l	99
3) Chloromethane	2.06	50	194625	17.250	ug/l	99
4) Vinyl Chloride	2.19	62	195347	18.342	ug/l	99
5) Bromomethane	2.57	94	121351	20.796	ug/l	98
6) Chloroethane	2.71	64	119374	19.242	ug/l	98
7) Trichlorofluoromethane	3.02	101	234813	20.097	ug/l	100
8) Diethyl Ether	3.41	74	103851	19.791	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	146911	19.763	ug/l	99
10) Methyl Iodide	3.95	142	169767	16.897	ug/l	100
11) Tert butyl alcohol	4.80	59	106109	69.971	ug/l	99
12) 1,1-Dichloroethene	3.73	96	147080	19.728	ug/l	95
13) Acrolein	3.61	56	87155	86.235	ug/l	98
14) Allyl chloride	4.32	41	276849	18.128	ug/l	98
15) Acrylonitrile	4.99	53	411335	87.598	ug/l	98
16) Acetone	3.82	43	403539	84.855	ug/l	96
17) Carbon Disulfide	4.05	76	373044	18.333	ug/l	99
18) Methyl Acetate	4.33	43	178233	17.133	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	471994	19.053	ug/l	96
20) Methylene Chloride	4.55	84	176689	18.170	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	155791	19.274	ug/l	96
22) Diisopropyl ether	5.96	45	589876	19.007	ug/l	96
23) Vinyl Acetate	5.90	43	2161861	90.075	ug/l	99
24) 1,1-Dichloroethane	5.85	63	318596	19.017	ug/l	98
25) 2-Butanone	6.84	43	553966	84.327	ug/l	98
26) 2,2-Dichloropropane	6.82	77	211920	20.292	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	182700	19.558	ug/l	99
28) Bromochloromethane	7.20	49	170053	19.546	ug/l	95
29) Tetrahydrofuran	7.22	42	356314	82.046	ug/l	98
30) Chloroform	7.37	83	306472	19.789	ug/l	98
31) Cyclohexane	7.65	56	301112	18.166	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	235358	19.956	ug/l	100
36) 1,1-Dichloropropene	7.79	75	218883	19.098	ug/l	98
37) Ethyl Acetate	6.93	43	220248	17.617	ug/l	100
38) Carbon Tetrachloride	7.77	117	192383	19.934	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	260778	18.662	ug/l	98
40) Benzene	8.04	78	712702	20.036	ug/l	99
41) Methacrylonitrile	7.18	41	112455	19.380	ug/l	96
42) 1,2-Dichloroethane	8.12	62	239431	19.159	ug/l	98
43) Isopropyl Acetate	8.17	43	341644	17.987	ug/l	98
44) Trichloroethene	8.83	130	170117	20.100	ug/l	96
45) 1,2-Dichloropropane	9.12	63	198137	19.468	ug/l	99
46) Dibromomethane	9.21	93	117225	19.871	ug/l	99
47) Bromodichloromethane	9.40	83	226456	20.066	ug/l	98
48) Methyl methacrylate	9.20	41	161394	17.636	ug/l	98
49) 1,4-Dioxane	9.20	88	49423	277.092	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1059320	84.800	ug/l	98
52) Toluene	10.16	92	410794	20.201	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	211026	19.469	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	255953	19.761	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	163568	19.852	ug/l	99
56) Ethyl methacrylate	10.43	69	226911	18.515	ug/l	95
57) 1,3-Dichloropropane	10.71	76	281881	19.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	245978	69.151	ug/l	98
59) 2-Hexanone	10.75	43	713010	81.388	ug/l	99
60) Dibromochloromethane	10.90	129	154995	20.690	ug/l	98
61) 1,2-Dibromoethane	11.00	107	153747	19.421	ug/l	100
64) Tetrachloroethene	10.63	164	164581	20.143	ug/l	99
65) Chlorobenzene	11.43	112	408505	19.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	145861	20.652	ug/l	96
67) Ethyl Benzene	11.51	91	749376	19.449	ug/l	100
68) m/p-Xylenes	11.62	106	541580	39.167	ug/l	99
69) o-Xylene	11.95	106	263072	19.357	ug/l	99
70) Styrene	11.96	104	432648	19.870	ug/l	99
71) Bromoform	12.13	173	93774	19.676	ug/l #	99
73) Isopropylbenzene	12.25	105	706545	20.684	ug/l	100
74) N-amyl acetate	12.07	43	227213	15.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	223621	20.102	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	181649m	17.251	ug/l	
77) Bromobenzene	12.53	156	161575	18.955	ug/l	95
78) n-propylbenzene	12.59	91	782854	18.870	ug/l	99
79) 2-Chlorotoluene	12.67	91	484743	18.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	575183	18.594	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	50148	17.573	ug/l	97
82) 4-Chlorotoluene	12.77	91	459408	18.805	ug/l	98
83) tert-Butylbenzene	12.99	119	484133	18.259	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	541139	19.074	ug/l	98
85) sec-Butylbenzene	13.17	105	650709	18.466	ug/l	100
86) p-Isopropyltoluene	13.29	119	526894	18.372	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	261744	19.872	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	253419	19.495	ug/l	99
89) n-Butylbenzene	13.61	91	380810	17.131	ug/l	99
90) Hexachloroethane	13.87	117	90968	19.445	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	263298	20.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30341	17.058	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	78712	16.057	ug/l	99
94) Hexachlorobutadiene	15.01	225	83127	19.938	ug/l	100
95) Naphthalene	15.13	128	212322	15.329	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	92439	16.594	ug/l	100

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

