

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059334.D
 Acq On : 21 Nov 2019 14:44
 Operator : JC/SP
 Sample : VN1121MBS02
 Misc : 3.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121MBS02

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 3:12:10 PM

Quant Time: Nov 22 06:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	396115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	626322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	552163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	220647	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	7.57	113	176672	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.08	98	701890	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.40	95	242802	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	83831	16.531	ug/l 100
3) Chloromethane	2.04	50	101280	16.303	ug/l 97
4) Vinyl Chloride	2.17	62	106012	16.574	ug/l 100
5) Bromomethane	2.55	94	59338	16.710	ug/l 97
6) Chloroethane	2.68	64	55204	15.814	ug/l 98
7) Trichlorofluoromethane	3.00	101	108581	15.764	ug/l 98
8) Diethyl Ether	3.39	74	45920	16.308	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67170	15.948	ug/l 98
10) Methyl Iodide	3.93	142	84705	16.182	ug/l 100
11) Tert butyl alcohol	4.75	59	74758	78.563	ug/l 100
12) 1,1-Dichloroethene	3.72	96	68733	16.077	ug/l 99
13) Acrolein	3.58	56	71704	82.548	ug/l 100
14) Allyl chloride	4.29	41	129623	16.230	ug/l 99
15) Acrylonitrile	4.96	53	201533	80.102	ug/l 99
16) Acetone	3.79	43	201996	94.788	ug/l 98
17) Carbon Disulfide	4.03	76	215691	16.193	ug/l 99
18) Methyl Acetate	4.30	43	117437	16.605	ug/l 99
19) Methyl tert-butyl Ether	5.01	73	224072	16.227	ug/l 99
20) Methylene Chloride	4.52	84	77999	16.229	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	72347	15.967	ug/l 96
22) Diisopropyl ether	5.92	45	241330	16.049	ug/l 95
23) Vinyl Acetate	5.87	43	962039	81.357	ug/l 99
24) 1,1-Dichloroethane	5.82	63	139343	16.463	ug/l 99
25) 2-Butanone	6.81	43	277494	83.740	ug/l 98
26) 2,2-Dichloropropane	6.80	77	117570	16.042	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	82605	16.159	ug/l 100
28) Bromochloromethane	7.17	49	44432	14.633	ug/l 97
29) Tetrahydrofuran	7.19	42	180057	78.582	ug/l 99
30) Chloroform	7.35	83	134502	16.283	ug/l 98
31) Cyclohexane	7.64	56	134099	16.024	ug/l 95
32) 1,1,1-Trichloroethane	7.55	97	113902	16.140	ug/l 100
36) 1,1-Dichloropropene	7.77	75	102458	15.846	ug/l 99
37) Ethyl Acetate	6.91	43	108077	15.553	ug/l 98
38) Carbon Tetrachloride	7.75	117	98781	15.958	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	125260	16.065	ug/l	98
40) Benzene	8.02	78	309545	16.311	ug/l	100
41) Methacrylonitrile	7.15	41	42087m	13.643	ug/l	
42) 1,2-Dichloroethane	8.11	62	102678	16.360	ug/l	99
43) Isopropyl Acetate	8.15	43	165385	15.573	ug/l #	92
44) Trichloroethene	8.82	130	76642	15.935	ug/l	99
45) 1,2-Dichloropropane	9.10	63	81290	16.064	ug/l	98
46) Dibromomethane	9.20	93	50707	16.336	ug/l	99
47) Bromodichloromethane	9.39	83	99186	15.956	ug/l	100
48) Methyl methacrylate	9.19	41	72615	15.036	ug/l	97
49) 1,4-Dioxane	9.19	88	23726	326.884	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	520175	83.681	ug/l	100
52) Toluene	10.15	92	184879	16.202	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	113491	15.705	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	127039	16.201	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	73466	16.559	ug/l	96
56) Ethyl methacrylate	10.42	69	105091	15.603	ug/l	99
57) 1,3-Dichloropropane	10.70	76	125552	16.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	181280	82.689	ug/l	100
59) 2-Hexanone	10.75	43	378911	83.245	ug/l	99
60) Dibromochloromethane	10.90	129	74750	15.989	ug/l	99
61) 1,2-Dibromoethane	11.00	107	74607	16.162	ug/l	100
64) Tetrachloroethene	10.63	164	67543	15.816	ug/l	98
65) Chlorobenzene	11.43	112	189933	15.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	69327	16.073	ug/l	99
67) Ethyl Benzene	11.51	91	345992	16.321	ug/l	100
68) m/p-Xylenes	11.62	106	257897	32.740	ug/l	99
69) o-Xylene	11.95	106	125525	16.646	ug/l	97
70) Styrene	11.96	104	188753	15.863	ug/l	98
71) Bromoform	12.13	173	52105	15.951	ug/l #	99
73) Isopropylbenzene	12.25	105	329374	16.330	ug/l	100
74) N-amyl acetate	12.07	43	123783	15.271	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	108118	16.205	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	97910m	17.213	ug/l	
77) Bromobenzene	12.53	156	78803	16.108	ug/l	99
78) n-propylbenzene	12.59	91	374270	16.382	ug/l	100
79) 2-Chlorotoluene	12.68	91	223946	15.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	277651	16.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35312	15.527	ug/l	96
82) 4-Chlorotoluene	12.77	91	224756	15.488	ug/l	98
83) tert-Butylbenzene	12.99	119	237063	16.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	270805	16.305	ug/l	100
85) sec-Butylbenzene	13.18	105	313294	16.278	ug/l	100
86) p-Isopropyltoluene	13.29	119	280576	16.382	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	137139	15.741	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133611	15.500	ug/l	96
89) n-Butylbenzene	13.62	91	235484	15.674	ug/l	100
90) Hexachloroethane	13.88	117	50031	15.425	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	134190	15.920	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20443	14.412	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	70222	15.546	ug/l	98
94) Hexachlorobutadiene	15.01	225	48774	16.061	ug/l	99
95) Naphthalene	15.13	128	181820	14.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72079	15.377	ug/l	98

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

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