

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066118.D
 Acq On : 3 Mar 2021 12:32
 Operator : JC/MD
 Sample : VN0303MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:14:17 PM

Quant Time: Mar 04 02:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.621	168	78658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	129167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	117718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	52392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	59144	49.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.82%		
35) Dibromofluoromethane	7.547	113	40408	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	10.055	98	154736	48.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.14%		
62) 4-Bromofluorobenzene	12.370	95	58753	47.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	18299	18.14	ug/l	99
3) Chloromethane	2.052	50	18313	17.29	ug/l	97
4) Vinyl Chloride	2.181	62	19221	17.27	ug/l	98
5) Bromomethane	2.550	94	13768	17.78	ug/l	99
6) Chloroethane	2.692	64	11278	19.03	ug/l	97
7) Trichlorofluoromethane	3.001	101	31338	17.85	ug/l	98
8) Diethyl Ether	3.386	74	9302	18.39	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.730	101	13524	18.28	ug/l	98
10) Methyl Iodide	3.920	142	20529	18.17	ug/l #	90
11) Tert butyl alcohol	4.737	59	14555	88.06	ug/l	97
12) 1,1-Dichloroethene	3.708	96	13809	17.01	ug/l	92
13) Acrolein	3.579	56	11289	87.76	ug/l	96
14) Allyl chloride	4.283	41	23773	19.11	ug/l	99
15) Acrylonitrile	4.939	53	32288	89.94	ug/l	97
16) Acetone	3.782	43	29026	81.13	ug/l	89
17) Carbon Disulfide	4.020	76	39708	16.65	ug/l	99
18) Methyl Acetate	4.287	43	14782	19.35	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	53424	17.78	ug/l	99
20) Methylene Chloride	4.515	84	16106	17.10	ug/l	95
21) trans-1,2-Dichloroethene	4.997	96	15624	18.54	ug/l	95
22) Diisopropyl ether	5.901	45	46077	18.47	ug/l	98
23) Vinyl Acetate	5.846	43	193797	91.54	ug/l	99
24) 1,1-Dichloroethane	5.801	63	28312	18.17	ug/l	97
25) 2-Butanone	6.782	43	40329	84.99	ug/l	94
26) 2,2-Dichloropropane	6.772	77	29414	18.35	ug/l	94
27) cis-1,2-Dichloroethene	6.779	96	17939	17.90	ug/l	91
28) Bromochloromethane	7.145	49	12739	19.82	ug/l	99
29) Tetrahydrofuran	7.164	42	26639	87.00	ug/l	92
30) Chloroform	7.325	83	31602	18.38	ug/l	99
31) Cyclohexane	7.614	56	24766	17.30	ug/l #	91
32) 1,1,1-Trichloroethane	7.528	97	29196	18.04	ug/l	99
36) 1,1-Dichloropropene	7.753	75	22507	18.54	ug/l	97
37) Ethyl Acetate	6.878	43	17992	19.02	ug/l	99
38) Carbon Tetrachloride	7.730	117	25304	18.13	ug/l	98
39) Methylcyclohexane	9.042	83	24241	18.48	ug/l	96
40) Benzene	8.000	78	64567	18.01	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.116	41	9303m	19.22	ug/l	
42) 1,2-Dichloroethane	8.084	62	27088	19.08	ug/l	98
43) Isopropyl Acetate	8.119	43	32963	18.62	ug/l	99
44) Trichloroethene	8.798	130	18347	18.32	ug/l	90
45) 1,2-Dichloropropane	9.081	63	16396	18.37	ug/l	99
46) Dibromomethane	9.171	93	11241	19.28	ug/l	97
47) Bromodichloromethane	9.364	83	25691	19.01	ug/l	99
48) Methyl methacrylate	9.161	41	15653	18.26	ug/l	93
49) 1,4-Dioxane	9.161	88	5541	366.17	ug/l #	91
51) 4-Methyl-2-Pentanone	9.946	43	87312	90.10	ug/l	98
52) Toluene	10.119	92	42291	18.33	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	29131	18.67	ug/l	98
54) cis-1,3-Dichloropropene	9.801	75	29175	18.06	ug/l	94
55) 1,1,2-Trichloroethane	10.528	97	16172	18.65	ug/l	97
56) Ethyl methacrylate	10.396	69	23312	18.95	ug/l	96
57) 1,3-Dichloropropane	10.672	76	27132	18.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	43278	90.19	ug/l	97
59) 2-Hexanone	10.717	43	57719	88.03	ug/l	99
60) Dibromochloromethane	10.868	129	18944	18.97	ug/l	99
61) 1,2-Dibromoethane	10.974	107	16430	18.61	ug/l	100
64) Tetrachloroethene	10.598	164	18215	18.74	ug/l	94
65) Chlorobenzene	11.399	112	44346	18.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	17956	19.27	ug/l	98
67) Ethyl Benzene	11.479	91	80310	18.14	ug/l	99
68) m/p-Xylenes	11.592	106	63043	36.86	ug/l	99
69) o-Xylene	11.917	106	30270	18.12	ug/l	98
70) Styrene	11.933	104	48064	18.32	ug/l	95
71) Bromoform	12.097	173	11684	18.05	ug/l #	99
73) Isopropylbenzene	12.219	105	78609	18.29	ug/l	100
74) N-amyl acetate	12.042	43	16886	15.73	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	21059	18.52	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	21303m	18.42	ug/l	
77) Bromobenzene	12.495	156	18531	18.71	ug/l	89
78) n-propylbenzene	12.560	91	84200	18.04	ug/l	98
79) 2-Chlorotoluene	12.643	91	53479	17.82	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	69720	18.32	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	7226	18.38	ug/l	97
82) 4-Chlorotoluene	12.743	91	55394	17.88	ug/l	98
83) tert-Butylbenzene	12.962	119	54189	17.36	ug/l	94
84) 1,2,4-Trimethylbenzene	13.010	105	68003	18.29	ug/l	100
85) sec-Butylbenzene	13.142	105	68702	17.91	ug/l	100
86) p-Isopropyltoluene	13.257	119	65076	18.22	ug/l	96
87) 1,3-Dichlorobenzene	13.254	146	32800	19.02	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	32364	17.83	ug/l	96
89) n-Butylbenzene	13.585	91	51302	18.21	ug/l	99
90) Hexachloroethane	13.843	117	9522	17.55	ug/l	100
91) 1,2-Dichlorobenzene	13.624	146	33346	19.51	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	5848	18.85	ug/l	69
93) 1,2,4-Trichlorobenzene	14.878	180	16415	18.21	ug/l	97
94) Hexachlorobutadiene	14.978	225	8264	19.17	ug/l	97
95) Naphthalene	15.100	128	50654	17.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.277	180	17167	17.61	ug/l	99

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

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