

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069156.D
 Acq On : 25 Oct 2021 17:13
 Operator : JC/MD
 Sample : VN1025MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2021 6:15:36 PM

Quant Time: Oct 26 01:34:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	317152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	553807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	514889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	220083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198635	47.503	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.000%		
35) Dibromofluoromethane	8.024	113	153173	47.538	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.080%		
50) Toluene-d8	10.443	98	612807	47.533	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.060%		
62) 4-Bromofluorobenzene	12.733	95	227701	46.813	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	67590	17.932	ug/l	99
3) Chloromethane	2.301	50	71688	18.493	ug/l	99
4) Vinyl Chloride	2.443	62	82684	21.000	ug/l	100
5) Bromomethane	2.850	94	58074	26.815	ug/l	96
6) Chloroethane	3.014	64	54492	23.484	ug/l	99
7) Trichlorofluoromethane	3.373	101	113271	20.545	ug/l	97
8) Diethyl Ether	3.832	74	41286	20.076	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.215	101	63422	21.393	ug/l	98
10) Methyl Iodide	4.425	142	71383	16.590	ug/l	98
11) Tert butyl alcohol	5.366	59	67267	88.037	ug/l	100
12) 1,1-Dichloroethene	4.189	96	58127	18.968	ug/l	99
13) Acrolein	4.047	56	21357	63.185	ug/l	99
14) Allyl chloride	4.843	41	99547	18.121	ug/l	94
15) Acrylonitrile	5.556	53	164219	95.918	ug/l	98
16) Acetone	4.288	43	151555	97.121	ug/l	99
17) Carbon Disulfide	4.537	76	139175	16.734	ug/l	99
18) Methyl Acetate	4.859	43	117733	19.891	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	229023	20.071	ug/l	98
20) Methylene Chloride	5.098	84	76662	21.344	ug/l	99
21) trans-1,2-Dichloroethene	5.605	96	62458	18.865	ug/l	96
22) Diisopropyl ether	6.498	45	223015	19.521	ug/l	98
23) Vinyl Acetate	6.436	43	813232	94.161	ug/l	98
24) 1,1-Dichloroethane	6.388	63	123597	19.912	ug/l	99
25) 2-Butanone	7.335	43	227931	96.593	ug/l	98
26) 2,2-Dichloropropane	7.327	77	114179	19.302	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	78074	19.508	ug/l	99
28) Bromochloromethane	7.659	49	45614	16.225	ug/l	98
29) Tetrahydrofuran	7.686	42	145597	95.124	ug/l	96
30) Chloroform	7.820	83	135284	20.681	ug/l	98
31) Cyclohexane	8.096	56	118145	18.172	ug/l	92
32) 1,1,1-Trichloroethane	8.019	97	118279	19.396	ug/l	99
36) 1,1-Dichloropropene	8.225	75	95849	20.262	ug/l	99
37) Ethyl Acetate	7.415	43	94407	19.324	ug/l	99
38) Carbon Tetrachloride	8.209	117	102915	19.810	ug/l	97
39) Methylcyclohexane	9.461	83	120289	19.757	ug/l	96
40) Benzene	8.461	78	291113	20.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	45007	18.275	ug/l	90
42) 1,2-Dichloroethane	8.531	62	108573	21.286	ug/l	99
43) Isopropyl Acetate	8.563	43	164616	19.097	ug/l	99
44) Trichloroethene	9.217	130	74148	20.568	ug/l	97
45) 1,2-Dichloropropane	9.491	63	76625	20.500	ug/l	96
46) Dibromomethane	9.579	93	52012	20.386	ug/l	99
47) Bromodichloromethane	9.764	83	104789	19.820	ug/l	99
48) Methyl methacrylate	9.561	41	71347	17.616	ug/l	88
49) 1,4-Dioxane	9.569	88	27107	366.786	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	488137	97.662	ug/l	99
52) Toluene	10.507	92	193313	20.860	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	116387	19.433	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	121026	19.423	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	76012	20.804	ug/l	97
56) Ethyl methacrylate	10.762	69	121654	19.830	ug/l	97
57) 1,3-Dichloropropane	11.046	76	125754	20.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	151937	96.634	ug/l	99
59) 2-Hexanone	11.087	43	354498	98.901	ug/l	100
60) Dibromochloromethane	11.242	129	78659	19.072	ug/l	98
61) 1,2-Dibromoethane	11.347	107	77979	20.807	ug/l	100
64) Tetrachloroethene	10.979	164	64219	19.361	ug/l	96
65) Chlorobenzene	11.771	112	204341	20.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	75265	19.736	ug/l	99
67) Ethyl Benzene	11.846	91	380702	21.035	ug/l	98
68) m/p-Xylenes	11.956	106	286791	41.801	ug/l	100
69) o-Xylene	12.283	106	140977	20.528	ug/l	99
70) Styrene	12.296	104	228883	20.475	ug/l	99
71) Bromoform	12.460	173	53761	17.598	ug/l #	100
73) Isopropylbenzene	12.581	105	375097	20.476	ug/l	100
74) N-amyl acetate	12.390	43	131006	18.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	113538	21.447	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	84973m	18.146	ug/l	
77) Bromobenzene	12.865	156	84812	20.938	ug/l	96
78) n-propylbenzene	12.924	91	425535	20.671	ug/l	100
79) 2-Chlorotoluene	13.010	91	260402	20.522	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	309890	20.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	32457	16.582	ug/l	95
82) 4-Chlorotoluene	13.106	91	254656	20.769	ug/l	100
83) tert-Butylbenzene	13.326	119	272776	20.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	302237	20.558	ug/l	100
85) sec-Butylbenzene	13.506	105	381588	20.744	ug/l	100
86) p-Isopropyltoluene	13.618	119	308375	20.900	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	148579	21.205	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	142857	20.543	ug/l	98
89) n-Butylbenzene	13.946	91	248726	20.249	ug/l	100
90) Hexachloroethane	14.214	117	55946	18.051	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	142942	21.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19117	18.730	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	63588	18.909	ug/l	99
94) Hexachlorobutadiene	15.372	225	38327	19.776	ug/l	99
95) Naphthalene	15.509	128	163003	18.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	61095	19.011	ug/l	98

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

