

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071187.D
 Acq On : 08 Mar 2022 13:53
 Operator : JC\MD
 Sample : VN0308MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 04:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	615516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	991976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	906358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	355397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409755	48.573	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.140%		
35) Dibromofluoromethane	8.016	113	302556	48.334	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.660%		
50) Toluene-d8	10.439	98	1211518	48.069	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.727	95	399379	46.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	122619	18.177	ug/l	99
3) Chloromethane	2.299	50	171587	18.925	ug/l	98
4) Vinyl Chloride	2.446	62	152608	18.460	ug/l	100
5) Bromomethane	2.852	94	92112	21.552	ug/l	99
6) Chloroethane	3.016	64	104815	20.936	ug/l	94
7) Trichlorofluoromethane	3.375	101	207624	19.081	ug/l	97
8) Diethyl Ether	3.822	74	90847	19.510	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	119327	18.943	ug/l	96
10) Methyl Iodide	4.422	142	163910	18.423	ug/l	98
11) Tert butyl alcohol	5.357	59	151280	91.287	ug/l	98
12) 1,1-Dichloroethene	4.187	96	112182	18.180	ug/l	98
13) Acrolein	4.046	56	133372	76.036	ug/l	98
14) Allyl chloride	4.846	41	245816	18.315	ug/l	87
15) Acrylonitrile	5.551	53	446709	90.781	ug/l	99
16) Acetone	4.281	43	368255	89.717	ug/l	95
17) Carbon Disulfide	4.534	76	314224	17.886	ug/l	98
18) Methyl Acetate	4.851	43	214508	19.746	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	448233	19.347	ug/l	95
20) Methylene Chloride	5.093	84	146935	19.819	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	127793	18.933	ug/l	92
22) Diisopropyl ether	6.492	45	517745	19.581	ug/l	94
23) Vinyl Acetate	6.428	43	2188375	97.763	ug/l	99
24) 1,1-Dichloroethane	6.381	63	266343	19.063	ug/l	98
25) 2-Butanone	7.328	43	598041	90.447	ug/l	97
26) 2,2-Dichloropropane	7.322	77	202897	18.823	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	150930	18.841	ug/l	90
28) Bromochloromethane	7.657	49	121071	19.459	ug/l	82
29) Tetrahydrofuran	7.681	42	423398	92.431	ug/l	91
30) Chloroform	7.810	83	254439	19.094	ug/l	100
31) Cyclohexane	8.092	56	257291	19.099	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	216953	19.113	ug/l	98
36) 1,1-Dichloropropene	8.222	75	188808	18.825	ug/l	96
37) Ethyl Acetate	7.410	43	256080	18.553	ug/l	97
38) Carbon Tetrachloride	8.198	117	183914	18.958	ug/l	99
39) Methylcyclohexane	9.457	83	230837	19.565	ug/l	96
40) Benzene	8.457	78	583691	19.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	116063	17.182	ug/l	94
42) 1,2-Dichloroethane	8.528	62	208303	19.809	ug/l	99
43) Isopropyl Acetate	8.557	43	371721	18.009	ug/l	98
44) Trichloroethene	9.216	130	138411	19.413	ug/l	98
45) 1,2-Dichloropropane	9.486	63	154873	19.092	ug/l	98
46) Dibromomethane	9.575	93	98263	19.681	ug/l	96
47) Bromodichloromethane	9.757	83	196224	19.448	ug/l	97
48) Methyl methacrylate	9.557	41	164164	17.162	ug/l #	89
49) 1,4-Dioxane	9.563	88	65255	392.467	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	1196797	93.427	ug/l	100
52) Toluene	10.504	92	360759	19.388	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213550	19.200	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	235279	19.360	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	143295	19.218	ug/l	98
56) Ethyl methacrylate	10.757	69	231497	19.012	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	253868	18.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	154604	81.563	ug/l	95
59) 2-Hexanone	11.080	43	827040	94.623	ug/l	100
60) Dibromochloromethane	11.233	129	145602	19.653	ug/l	100
61) 1,2-Dibromoethane	11.339	107	144159	18.917	ug/l	100
64) Tetrachloroethene	10.975	164	124426	19.684	ug/l	93
65) Chlorobenzene	11.763	112	372140	19.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	137261	19.232	ug/l	98
67) Ethyl Benzene	11.839	91	665818	19.346	ug/l	97
68) m/p-Xylenes	11.951	106	502922	39.945	ug/l	99
69) o-Xylene	12.280	106	252580	20.014	ug/l	98
70) Styrene	12.292	104	385617	19.739	ug/l	97
71) Bromoform	12.451	173	104296	19.242	ug/l #	100
73) Isopropylbenzene	12.574	105	633056	18.478	ug/l	100
74) N-amyl acetate	12.386	43	224954	17.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	222364	20.321	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	168285m	17.715	ug/l	
77) Bromobenzene	12.857	156	145868	18.259	ug/l	80
78) n-propylbenzene	12.916	91	691118	18.799	ug/l	98
79) 2-Chlorotoluene	13.004	91	436894	18.513	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	510471	19.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57197	17.397	ug/l	92
82) 4-Chlorotoluene	13.104	91	405387	19.285	ug/l	95
83) tert-Butylbenzene	13.321	119	456040	19.172	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	489092	19.157	ug/l	99
85) sec-Butylbenzene	13.498	105	603333	19.083	ug/l	98
86) p-Isopropyltoluene	13.610	119	483480	19.445	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	246577	18.996	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	236712	18.656	ug/l	98
89) n-Butylbenzene	13.939	91	345609	17.771	ug/l	96
90) Hexachloroethane	14.204	117	87677	17.732	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	239265	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34619	17.367	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	98769	18.933	ug/l	99
94) Hexachlorobutadiene	15.362	225	68267	19.486	ug/l	98
95) Naphthalene	15.504	128	224276	17.438	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	94064	18.669	ug/l	97

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

