

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072148.D
 Acq On : 22 Apr 2022 11:35
 Operator : JC\MD
 Sample : VN0422MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	527191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	780415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	706571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	286861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	242655	40.318	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.640%		
35) Dibromofluoromethane	8.016	113	219905	47.886	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.780%		
50) Toluene-d8	10.439	98	846827	45.078	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.160%		
62) 4-Bromofluorobenzene	12.727	95	276063	45.437	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	92075	21.969	ug/l	97
3) Chloromethane	2.299	50	94543	17.801	ug/l	100
4) Vinyl Chloride	2.446	62	97776	16.764	ug/l	99
5) Bromomethane	2.846	94	70264	18.532	ug/l	97
6) Chloroethane	3.016	64	63033	15.023	ug/l	99
7) Trichlorofluoromethane	3.375	101	142409	19.192	ug/l	99
8) Diethyl Ether	3.822	74	58132	18.537	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	89489	19.570	ug/l	97
10) Methyl Iodide	4.422	142	118610	18.556	ug/l	99
11) Tert butyl alcohol	5.357	59	84000	86.004	ug/l	97
12) 1,1-Dichloroethene	4.181	96	81177	18.655	ug/l	92
13) Acrolein	4.046	56	24051	20.196	ug/l	96
14) Allyl chloride	4.840	41	117287	16.606	ug/l	93
15) Acrylonitrile	5.551	53	259913	91.552	ug/l	98
16) Acetone	4.281	43	207942	80.846	ug/l	92
17) Carbon Disulfide	4.534	76	192138	19.244	ug/l	100
18) Methyl Acetate	4.852	43	110695	16.361	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	294804	18.236	ug/l	99
20) Methylene Chloride	5.093	84	101966	18.808	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	90031	18.847	ug/l	90
22) Diisopropyl ether	6.487	45	272635	17.732	ug/l	99
23) Vinyl Acetate	6.428	43	1087834	88.970	ug/l	96
24) 1,1-Dichloroethane	6.387	63	163730	18.139	ug/l	98
25) 2-Butanone	7.328	43	317676	85.673	ug/l	94
26) 2,2-Dichloropropane	7.322	77	139101	17.939	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	110873	18.927	ug/l	94
28) Bromochloromethane	7.657	49	51865	14.244	ug/l	91
29) Tetrahydrofuran	7.681	42	208728	86.935	ug/l	95
30) Chloroform	7.810	83	180071	18.893	ug/l	99
31) Cyclohexane	8.092	56	149896	18.314	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	154171	18.908	ug/l	97
36) 1,1-Dichloropropene	8.222	75	124491	19.412	ug/l	98
37) Ethyl Acetate	7.404	43	127153	18.115	ug/l	95
38) Carbon Tetrachloride	8.204	117	129343	20.579	ug/l	99
39) Methylcyclohexane	9.457	83	151393	19.832	ug/l	98
40) Benzene	8.457	78	403208	19.903	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	56120	16.329	ug/l	91
42) 1,2-Dichloroethane	8.528	62	133145	19.000	ug/l	97
43) Isopropyl Acetate	8.557	43	195187	16.718	ug/l	97
44) Trichloroethene	9.216	130	104785	20.077	ug/l	98
45) 1,2-Dichloropropane	9.486	63	100387	19.836	ug/l	99
46) Dibromomethane	9.575	93	67119	19.533	ug/l	93
47) Bromodichloromethane	9.757	83	136949	20.247	ug/l	99
48) Methyl methacrylate	9.557	41	89844	18.548	ug/l	92
49) 1,4-Dioxane	9.563	88	39890	337.987	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	630654	93.952	ug/l	96
52) Toluene	10.498	92	266729	20.829	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	137893	19.452	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	158208	20.198	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	107831	20.460	ug/l	100
56) Ethyl methacrylate	10.757	69	148617	19.767	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	176319	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	179929	89.425	ug/l	97
59) 2-Hexanone	11.081	43	438617	92.810	ug/l	94
60) Dibromochloromethane	11.233	129	111434	21.684	ug/l	98
61) 1,2-Dibromoethane	11.339	107	107165	20.657	ug/l	99
64) Tetrachloroethene	10.975	164	96467	20.676	ug/l	98
65) Chlorobenzene	11.763	112	285255	20.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	103721	20.316	ug/l	99
67) Ethyl Benzene	11.839	91	478318	19.971	ug/l	98
68) m/p-Xylenes	11.951	106	382357	41.549	ug/l	96
69) o-Xylene	12.275	106	184938	20.247	ug/l	96
70) Styrene	12.292	104	295056	21.320	ug/l	98
71) Bromoform	12.451	173	84302	21.684	ug/l #	100
73) Isopropylbenzene	12.575	105	468449	19.379	ug/l	100
74) N-amyl acetate	12.380	43	121430	17.532	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	156528	19.407	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	128626m	19.356	ug/l	
77) Bromobenzene	12.857	156	115434	19.049	ug/l	93
78) n-propylbenzene	12.916	91	504725	19.849	ug/l	100
79) 2-Chlorotoluene	13.004	91	318032	19.503	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	394772	20.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	39065	18.217	ug/l	97
82) 4-Chlorotoluene	13.098	91	289210	19.133	ug/l	98
83) tert-Butylbenzene	13.316	119	344335	19.668	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	385589	20.634	ug/l	99
85) sec-Butylbenzene	13.498	105	455057	20.051	ug/l	99
86) p-Isopropyltoluene	13.610	119	371940	20.554	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	190989	19.783	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	182821	19.411	ug/l	100
89) n-Butylbenzene	13.939	91	247372	18.431	ug/l	100
90) Hexachloroethane	14.204	117	68615	20.714	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	187826	19.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22989	18.376	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	80303	18.942	ug/l	98
94) Hexachlorobutadiene	15.363	225	55488	19.851	ug/l	98
95) Naphthalene	15.504	128	186944	17.025	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	79314	19.482	ug/l	99

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

