

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070418.D
 Acq On : 31 Dec 2021 00:30
 Operator : JC/MD
 Sample : VN1230MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 05:27:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	868246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1430347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1334940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	507560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	588202	47.118	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.240%
35) Dibromofluoromethane	8.024	113	425884	49.211	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.420%
50) Toluene-d8	10.443	98	1683869	47.629	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.731	95	572590	44.842	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	172282	17.497	ug/l	99
3) Chloromethane	2.303	50	241737	18.048	ug/l	100
4) Vinyl Chloride	2.445	62	212391	17.417	ug/l	98
5) Bromomethane	2.858	94	114347	18.167	ug/l	98
6) Chloroethane	3.019	64	123103	16.763	ug/l	98
7) Trichlorofluoromethane	3.376	101	242851	16.545	ug/l	99
8) Diethyl Ether	3.824	74	115752	17.889	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	155516	17.323	ug/l	97
10) Methyl Iodide	4.417	142	211592	17.416	ug/l	98
11) Tert butyl alcohol	5.388	59	214192	103.046	ug/l	96
12) 1,1-Dichloroethene	4.178	96	151288	17.109	ug/l	89
13) Acrolein	4.041	56	141928	84.153	ug/l	99
14) Allyl chloride	4.838	41	367587	18.335	ug/l #	84
15) Acrylonitrile	5.559	53	671405	103.510	ug/l	99
16) Acetone	4.291	43	591345	72.971	ug/l	100
17) Carbon Disulfide	4.527	76	447448	18.537	ug/l	100
18) Methyl Acetate	4.859	43	467695	19.951	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	579163	17.636	ug/l	93
20) Methylene Chloride	5.093	84	198622	17.715	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	163744	17.489	ug/l	85
22) Diisopropyl ether	6.501	45	731648	18.737	ug/l #	91
23) Vinyl Acetate	6.436	43	2828820	93.369	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	365611	18.057	ug/l	99
25) 2-Butanone	7.340	43	950261	93.128	ug/l	91
26) 2,2-Dichloropropane	7.327	77	220039	13.776	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	197165	17.649	ug/l	87
28) Bromochloromethane	7.659	49	185717	18.755	ug/l #	75
29) Tetrahydrofuran	7.691	42	652084	107.111	ug/l #	86
30) Chloroform	7.820	83	356148	18.233	ug/l	98
31) Cyclohexane	8.096	56	352084	17.873	ug/l	89
32) 1,1,1-Trichloroethane	8.019	97	293714	17.833	ug/l	96
36) 1,1-Dichloropropene	8.222	75	251129	17.541	ug/l	96
37) Ethyl Acetate	7.418	43	365912	19.718	ug/l	96
38) Carbon Tetrachloride	8.206	117	253977	18.578	ug/l	100
39) Methylcyclohexane	9.461	83	285418	16.467	ug/l #	87
40) Benzene	8.461	78	803085	18.297	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.638	41	193119	20.806	ug/l	#	87
42) 1,2-Dichloroethane	8.531	62	295013	17.882	ug/l		98
43) Isopropyl Acetate	8.563	43	551214	18.840	ug/l	#	94
44) Trichloroethene	9.217	130	182574	17.506	ug/l		98
45) 1,2-Dichloropropane	9.491	63	221753	18.765	ug/l		99
46) Dibromomethane	9.580	93	137264	18.679	ug/l		94
47) Bromodichloromethane	9.762	83	289539	19.844	ug/l		99
48) Methyl methacrylate	9.561	41	259603	18.602	ug/l	#	82
49) 1,4-Dioxane	9.571	88	86834	425.061	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.333	43	1919428	104.405	ug/l		96
52) Toluene	10.505	92	491008	18.482	ug/l		97
53) t-1,3-Dichloropropene	10.719	75	281914	17.847	ug/l		98
54) cis-1,3-Dichloropropene	10.191	75	308198	18.037	ug/l		95
55) 1,1,2-Trichloroethane	10.899	97	196960	18.737	ug/l		96
56) Ethyl methacrylate	10.762	69	317518	18.281	ug/l	#	89
57) 1,3-Dichloropropane	11.044	76	347919	18.713	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.043	63	338822	89.230	ug/l		91
59) 2-Hexanone	11.087	43	1369964	102.184	ug/l		93
60) Dibromochloromethane	11.240	129	211300	20.603	ug/l		99
61) 1,2-Dibromoethane	11.347	107	198212	18.571	ug/l		99
64) Tetrachloroethene	10.977	164	166110	17.183	ug/l		96
65) Chlorobenzene	11.771	112	503623	17.780	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.840	131	190837	18.873	ug/l		99
67) Ethyl Benzene	11.846	91	911209	17.558	ug/l		97
68) m/p-Xylenes	11.953	106	666494	35.281	ug/l		93
69) o-Xylene	12.280	106	328669	17.492	ug/l		93
70) Styrene	12.294	104	526610	17.708	ug/l		96
71) Bromoform	12.457	173	167323	22.296	ug/l	#	100
73) Isopropylbenzene	12.578	105	851400	18.063	ug/l		98
74) N-amyl acetate	12.388	43	364375	18.386	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.827	83	324207	19.955	ug/l		98
76) 1,2,3-Trichloropropane	12.881	75	289486m	20.946	ug/l		
77) Bromobenzene	12.862	156	200780	18.554	ug/l		76
78) n-propylbenzene	12.921	91	936745	17.937	ug/l		96
79) 2-Chlorotoluene	13.007	91	601548	17.952	ug/l		91
80) 1,3,5-Trimethylbenzene	13.061	105	688965	18.240	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	79930	19.240	ug/l		97
82) 4-Chlorotoluene	13.106	91	556400	17.727	ug/l		92
83) tert-Butylbenzene	13.324	119	580074	17.441	ug/l		92
84) 1,2,4-Trimethylbenzene	13.369	105	672306	18.485	ug/l		97
85) sec-Butylbenzene	13.503	105	799180	17.699	ug/l		96
86) p-Isopropyltoluene	13.616	119	615575	17.355	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	314856	17.381	ug/l		97
88) 1,4-Dichlorobenzene	13.694	146	306804	17.169	ug/l		97
89) n-Butylbenzene	13.943	91	459727	15.539	ug/l		97
90) Hexachloroethane	14.211	117	136245	22.110	ug/l		90
91) 1,2-Dichlorobenzene	13.989	146	316600	17.828	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59280	21.711	ug/l		78
93) 1,2,4-Trichlorobenzene	15.265	180	140035	16.735	ug/l		98
94) Hexachlorobutadiene	15.370	225	87008	17.891	ug/l		99
95) Naphthalene	15.507	128	397053	18.349	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	144892	18.630	ug/l		97

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

01/03/2022
 Supervised By :mohammad
 ahmed

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