

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073396.D
 Acq On : 08 Jul 2022 16:30
 Operator : JC\MD
 Sample : VN0708MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 09 05:27:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

07/11/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	216671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	383180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	341852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	162056	51.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	7.951	113	130204	51.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	10.381	98	451525	49.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.669	95	179320	51.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	59483	18.778	ug/l	93
3) Chloromethane	2.269	50	55230	17.959	ug/l	97
4) Vinyl Chloride	2.405	62	48635	18.612	ug/l	91
5) Bromomethane	2.805	94	26282	21.295	ug/l	94
6) Chloroethane	2.969	64	32684	21.263	ug/l	97
7) Trichlorofluoromethane	3.322	101	83062	18.386	ug/l	96
8) Diethyl Ether	3.769	74	36695	19.954	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	51470	19.282	ug/l	100
10) Methyl Iodide	4.357	142	47338	15.995	ug/l	95
11) Tert butyl alcohol	5.287	59	87713	115.760	ug/l	99
12) 1,1-Dichloroethene	4.110	96	48699	19.093	ug/l	92
13) Acrolein	3.981	56	50715	105.893	ug/l	93
14) Allyl chloride	4.763	41	108371	20.168	ug/l #	93
15) Acrylonitrile	5.475	53	222648	114.146	ug/l	99
16) Acetone	4.222	43	204056	116.223	ug/l	97
17) Carbon Disulfide	4.457	76	116544	17.621	ug/l	98
18) Methyl Acetate	4.781	43	114391	23.249	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	197412	21.236	ug/l	95
20) Methylene Chloride	5.016	84	60400	19.575	ug/l	89
21) trans-1,2-Dichloroethene	5.510	96	51586	19.356	ug/l	95
22) Diisopropyl ether	6.416	45	216920	21.634	ug/l	96
23) Vinyl Acetate	6.351	43	963318	107.308	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	107795	20.775	ug/l	98
25) 2-Butanone	7.263	43	325386	116.404	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	91982	19.167	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	65192	20.199	ug/l	94
28) Bromochloromethane	7.581	49	52756	24.277	ug/l	83
29) Tetrahydrofuran	7.610	42	224826	117.463	ug/l #	86
30) Chloroform	7.751	83	108212	20.706	ug/l	99
31) Cyclohexane	8.022	56	98055	19.141	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	96845	20.794	ug/l	99
36) 1,1-Dichloropropene	8.151	75	76531	19.510	ug/l	98
37) Ethyl Acetate	7.334	43	128821	21.734	ug/l	96
38) Carbon Tetrachloride	8.134	117	78812	19.428	ug/l	96
39) Methylcyclohexane	9.392	83	89870	18.402	ug/l	94
40) Benzene	8.392	78	240506	19.867	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.569	41	62071	21.593	ug/l	#	85
42) 1,2-Dichloroethane	8.463	62	89844	20.473	ug/l		98
43) Isopropyl Acetate	8.492	43	180168	21.151	ug/l		94
44) Trichloroethene	9.151	130	59330	19.258	ug/l		93
45) 1,2-Dichloropropane	9.428	63	63873	20.700	ug/l		92
46) Dibromomethane	9.516	93	41551	19.833	ug/l		94
47) Bromodichloromethane	9.698	83	83917	20.681	ug/l		99
48) Methyl methacrylate	9.498	41	81996	20.790	ug/l		90
49) 1,4-Dioxane	9.504	88	33435	446.556	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.269	43	623211	115.369	ug/l		90
52) Toluene	10.445	92	146114	19.530	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	89407	20.015	ug/l		98
54) cis-1,3-Dichloropropene	10.128	75	98656	20.457	ug/l	#	90
55) 1,1,2-Trichloroethane	10.839	97	61884	20.092	ug/l		96
56) Ethyl methacrylate	10.704	69	103471	20.784	ug/l	#	84
57) 1,3-Dichloropropane	10.986	76	108499	20.549	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.981	63	208515	93.916	ug/l		95
59) 2-Hexanone	11.028	43	479782	116.517	ug/l		90
60) Dibromochloromethane	11.180	129	61687	21.007	ug/l		100
61) 1,2-Dibromoethane	11.286	107	64975	21.120	ug/l		99
64) Tetrachloroethene	10.916	164	53437	19.143	ug/l		96
65) Chlorobenzene	11.710	112	155894	20.164	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.780	131	58892	20.709	ug/l		98
67) Ethyl Benzene	11.786	91	282693	20.140	ug/l		96
68) m/p-Xylenes	11.892	106	209776	39.601	ug/l		95
69) o-Xylene	12.222	106	106237	19.645	ug/l		95
70) Styrene	12.233	104	174449	20.894	ug/l		98
71) Bromoform	12.398	173	43958	21.125	ug/l	#	100
73) Isopropylbenzene	12.516	105	278822	20.147	ug/l		98
74) N-amyl acetate	12.327	43	144808	20.896	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	99829	21.737	ug/l		98
76) 1,2,3-Trichloropropane	12.822	75	88123m	21.028	ug/l		
77) Bromobenzene	12.798	156	61566	19.133	ug/l		83
78) n-propylbenzene	12.857	91	310732	20.210	ug/l		98
79) 2-Chlorotoluene	12.945	91	195371	20.078	ug/l		97
80) 1,3,5-Trimethylbenzene	12.998	105	229707	20.363	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.569	75	30311	19.836	ug/l		89
82) 4-Chlorotoluene	13.045	91	183396	19.467	ug/l		99
83) tert-Butylbenzene	13.263	119	204827	20.254	ug/l		96
84) 1,2,4-Trimethylbenzene	13.304	105	227613	20.210	ug/l		96
85) sec-Butylbenzene	13.439	105	276371	20.352	ug/l		99
86) p-Isopropyltoluene	13.557	119	223794	20.401	ug/l		98
87) 1,3-Dichlorobenzene	13.551	146	115392	19.990	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	114318	19.765	ug/l		98
89) n-Butylbenzene	13.880	91	177998	19.472	ug/l		98
90) Hexachloroethane	14.145	117	40067	19.599	ug/l		89
91) 1,2-Dichlorobenzene	13.927	146	120123	20.428	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25323	22.686	ug/l		87
93) 1,2,4-Trichlorobenzene	15.192	180	61483	20.080	ug/l		98
94) Hexachlorobutadiene	15.298	225	25588	18.799	ug/l		97
95) Naphthalene	15.433	128	260448	21.086	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	66611	21.090	ug/l		96

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

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

