

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078634.D
 Acq On : 24 Jul 2023 13:19
 Operator : JC\MD
 Sample : VN0724MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:11:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	473607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	809807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307701	48.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	8.177	113	279827	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.571	98	975339	46.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.853	95	306954	47.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	88644	15.266	ug/l	98
3) Chloromethane	2.371	50	110534	17.514	ug/l	95
4) Vinyl Chloride	2.518	62	140061	17.155	ug/l	93
5) Bromomethane	2.953	94	101838	16.377	ug/l	89
6) Chloroethane	3.124	64	95951	18.206	ug/l	99
7) Trichlorofluoromethane	3.500	101	167855	17.199	ug/l	99
8) Diethyl Ether	3.971	74	60296	18.543	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	94825	18.355	ug/l	97
10) Methyl Iodide	4.595	142	127833	18.006	ug/l	93
11) Tert butyl alcohol	5.542	59	92585	94.565	ug/l	99
12) 1,1-Dichloroethene	4.348	96	85921	17.193	ug/l	94
13) Acrolein	4.195	56	91520	95.010	ug/l	97
14) Allyl chloride	5.024	41	125697	18.407	ug/l	94
15) Acrylonitrile	5.736	53	239787	96.933	ug/l	98
16) Acetone	4.442	43	174976	88.471	ug/l	100
17) Carbon Disulfide	4.718	76	197116	13.641	ug/l	95
18) Methyl Acetate	5.036	43	158753	18.962	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	324850	19.729	ug/l	97
20) Methylene Chloride	5.289	84	110979	18.799	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	96965	17.218	ug/l	96
22) Diisopropyl ether	6.683	45	301008	19.686	ug/l #	92
23) Vinyl Acetate	6.618	43	891242	91.685	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	186597	18.111	ug/l	99
25) 2-Butanone	7.494	43	288825	92.772	ug/l	89
26) 2,2-Dichloropropane	7.500	77	155447	18.447	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	121908	18.713	ug/l	96
28) Bromochloromethane	7.824	49	100810	20.773	ug/l	95
29) Tetrahydrofuran	7.847	42	188303	92.177	ug/l	85
30) Chloroform	7.971	83	207854	19.377	ug/l	97
31) Cyclohexane	8.265	56	136358	15.891	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	176470	18.349	ug/l	97
36) 1,1-Dichloropropene	8.377	75	136632	17.213	ug/l	97
37) Ethyl Acetate	7.565	43	126496	19.117	ug/l	95
38) Carbon Tetrachloride	8.377	117	156002	18.083	ug/l	95
39) Methylcyclohexane	9.606	83	123673	17.069	ug/l	94
40) Benzene	8.612	78	445924	18.963	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	66063	19.585	ug/l	90
42) 1,2-Dichloroethane	8.682	62	155763	19.474	ug/l	100
43) Isopropyl Acetate	8.700	43	221922	20.371	ug/l	94
44) Trichloroethene	9.359	130	116236	18.340	ug/l	96
45) 1,2-Dichloropropane	9.630	63	111746	18.762	ug/l	100
46) Dibromomethane	9.718	93	84262	20.101	ug/l	90
47) Bromodichloromethane	9.894	83	162935	19.390	ug/l	94
48) Methyl methacrylate	9.688	41	96933	19.206	ug/l	87
49) 1,4-Dioxane	9.706	88	43434	394.621	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	625364	96.511	ug/l	94
52) Toluene	10.635	92	277297	19.026	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	170640	19.822	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	182241	19.860	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	117872	20.527	ug/l	94
56) Ethyl methacrylate	10.882	69	158036	19.688	ug/l	93
57) 1,3-Dichloropropane	11.171	76	190546	19.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	248622	86.913	ug/l	94
59) 2-Hexanone	11.200	43	445426	96.722	ug/l	91
60) Dibromochloromethane	11.365	129	129831	20.480	ug/l	99
61) 1,2-Dibromoethane	11.476	107	118162	19.976	ug/l	97
64) Tetrachloroethene	11.112	164	97945	18.406	ug/l	92
65) Chlorobenzene	11.894	112	304505	19.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	120670	19.827	ug/l	97
67) Ethyl Benzene	11.971	91	508914	19.030	ug/l	99
68) m/p-Xylenes	12.076	106	378247	38.255	ug/l	96
69) o-Xylene	12.406	106	193302	19.356	ug/l	99
70) Styrene	12.418	104	301718	19.311	ug/l	97
71) Bromoform	12.582	173	86063	20.879	ug/l #	99
73) Isopropylbenzene	12.700	105	470494	18.197	ug/l	100
74) N-amyl acetate	12.500	43	160721	18.038	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	163614	20.851	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	126026m	18.948	ug/l	
77) Bromobenzene	12.988	156	121456	20.696	ug/l	89
78) n-propylbenzene	13.041	91	510107	18.448	ug/l	99
79) 2-Chlorotoluene	13.129	91	330907	18.270	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	379816	18.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	49151	19.420	ug/l	89
82) 4-Chlorotoluene	13.229	91	303327	17.953	ug/l	98
83) tert-Butylbenzene	13.441	119	326548	18.827	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	376353	18.966	ug/l	98
85) sec-Butylbenzene	13.617	105	400590	18.273	ug/l	98
86) p-Isopropyltoluene	13.735	119	326875	18.569	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	190267	19.169	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	183869	18.391	ug/l	98
89) n-Butylbenzene	14.059	91	233311	18.523	ug/l	98
90) Hexachloroethane	14.335	117	62344	18.759	ug/l	79
91) 1,2-Dichlorobenzene	14.112	146	190883	19.324	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23154	17.456	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49274	15.630	ug/l	96
94) Hexachlorobutadiene	15.506	225	36370	19.801	ug/l	96
95) Naphthalene	15.647	128	146413	13.585	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	57072	15.744	ug/l	99

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

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