

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079906.D
 Acq On : 04 Nov 2023 20:28
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	253862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	451933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	409708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232551	60.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.260%			
35) Dibromofluoromethane	8.171	113	177098	55.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.740%			
50) Toluene-d8	10.571	98	622717	52.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.853	95	205895	52.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60149	19.670	ug/l	97
3) Chloromethane	2.359	50	77843	19.605	ug/l	97
4) Vinyl Chloride	2.512	62	85976	21.480	ug/l	96
5) Bromomethane	2.954	94	50955	20.952	ug/l	99
6) Chloroethane	3.124	64	61625	19.485	ug/l	96
7) Trichlorofluoromethane	3.501	101	94452	18.972	ug/l	95
8) Diethyl Ether	3.965	74	37298	19.743	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	53880	18.669	ug/l	100
10) Methyl Iodide	4.595	142	60140	18.248	ug/l	95
11) Tert butyl alcohol	5.524	59	43254	87.608	ug/l	98
12) 1,1-Dichloroethene	4.348	96	50653	18.537	ug/l #	82
13) Acrolein	4.189	56	34847	80.319	ug/l	97
14) Allyl chloride	5.030	41	80609	19.260	ug/l #	88
15) Acrylonitrile	5.718	53	168818	109.721	ug/l	99
16) Acetone	4.430	43	139613	102.766	ug/l	93
17) Carbon Disulfide	4.712	76	144961	18.391	ug/l	98
18) Methyl Acetate	5.024	43	144188	22.184	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	192067	20.416	ug/l	94
20) Methylene Chloride	5.277	84	72507	21.151	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	58644	19.243	ug/l #	74
22) Diisopropyl ether	6.677	45	220541	22.739	ug/l #	92
23) Vinyl Acetate	6.606	43	523261	97.807	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	129763	22.012	ug/l	98
25) 2-Butanone	7.489	43	215248	108.197	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	86011	17.642	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	73036	20.035	ug/l	87
28) Bromochloromethane	7.818	49	73591	25.616	ug/l #	74
29) Tetrahydrofuran	7.847	42	141841	109.586	ug/l #	74
30) Chloroform	7.971	83	140446	21.933	ug/l	96
31) Cyclohexane	8.259	56	93820	18.357	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	108632	20.821	ug/l	95
36) 1,1-Dichloropropene	8.377	75	87141	19.080	ug/l	95
37) Ethyl Acetate	7.565	43	89739	21.425	ug/l #	91
38) Carbon Tetrachloride	8.365	117	90234	19.604	ug/l	99
39) Methylcyclohexane	9.606	83	70458	16.393	ug/l #	85
40) Benzene	8.612	78	279084	20.402	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50821	22.849	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	107754	22.551	ug/l	98
43) Isopropyl Acetate	8.694	43	147516	20.083	ug/l #	91
44) Trichloroethene	9.353	130	65227	19.216	ug/l	99
45) 1,2-Dichloropropane	9.624	63	75681	21.649	ug/l	97
46) Dibromomethane	9.712	93	50797	21.281	ug/l	96
47) Bromodichloromethane	9.894	83	106019	20.826	ug/l	95
48) Methyl methacrylate	9.682	41	70216	21.824	ug/l #	78
49) 1,4-Dioxane	9.694	88	23113	406.554	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	467097	112.950	ug/l	89
52) Toluene	10.635	92	164617	20.299	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	96898	19.417	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	108476	19.942	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	69888	21.426	ug/l	94
56) Ethyl methacrylate	10.877	69	93101	20.011	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	123885	21.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	229907	97.497	ug/l #	88
59) 2-Hexanone	11.200	43	333543	105.432	ug/l	85
60) Dibromochloromethane	11.359	129	74824	21.431	ug/l	100
61) 1,2-Dibromoethane	11.476	107	67372	20.579	ug/l	97
64) Tetrachloroethene	11.106	164	59927	22.584	ug/l	97
65) Chlorobenzene	11.894	112	169881	19.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66457	20.755	ug/l	96
67) Ethyl Benzene	11.965	91	287177	18.547	ug/l	96
68) m/p-Xylenes	12.071	106	217381	37.687	ug/l	94
69) o-Xylene	12.400	106	101404	18.257	ug/l	88
70) Styrene	12.412	104	178512	19.998	ug/l	99
71) Bromoform	12.582	173	47650	20.957	ug/l #	97
73) Isopropylbenzene	12.700	105	253800	18.142	ug/l	99
74) N-amyl acetate	12.500	43	109200	17.883	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	98703	19.899	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93449m	21.594	ug/l	
77) Bromobenzene	12.982	156	68091	19.880	ug/l	94
78) n-propylbenzene	13.041	91	300423	18.752	ug/l	96
79) 2-Chlorotoluene	13.129	91	195561	19.108	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	211992	19.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25124	15.795	ug/l #	80
82) 4-Chlorotoluene	13.223	91	193405	19.017	ug/l	99
83) tert-Butylbenzene	13.441	119	164792	18.496	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	212710	19.863	ug/l	99
85) sec-Butylbenzene	13.618	105	236937	19.195	ug/l	100
86) p-Isopropyltoluene	13.735	119	184857	18.368	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	117980	18.517	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	118714	18.356	ug/l	99
89) n-Butylbenzene	14.059	91	151734	17.505	ug/l	97
90) Hexachloroethane	14.335	117	38203	19.168	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	118867	19.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17726	21.073	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49126	17.177	ug/l	97
94) Hexachlorobutadiene	15.500	225	23646	18.238	ug/l	95
95) Naphthalene	15.647	128	146860	15.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50498	18.013	ug/l	98

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

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