

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079979.D
 Acq On : 07 Nov 2023 20:57
 Operator : JC\MD
 Sample : VN1107MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:36:20 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	337137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	532746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299137	58.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.480%			
35) Dibromofluoromethane	8.171	113	232152	56.235	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.460%			
50) Toluene-d8	10.571	98	841588	55.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.760%			
62) 4-Bromofluorobenzene	12.853	95	289357	57.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75915	18.694	ug/l	95
3) Chloromethane	2.359	50	105590	20.045	ug/l	99
4) Vinyl Chloride	2.512	62	103233	19.420	ug/l	98
5) Bromomethane	2.948	94	47858	14.818	ug/l	97
6) Chloroethane	3.118	64	56086	13.353	ug/l	99
7) Trichlorofluoromethane	3.495	101	151897	22.975	ug/l	99
8) Diethyl Ether	3.959	74	48603	19.372	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	73510	19.180	ug/l	98
10) Methyl Iodide	4.589	142	81281	18.571	ug/l	99
11) Tert butyl alcohol	5.524	59	64339	98.125	ug/l	97
12) 1,1-Dichloroethene	4.342	96	69315	19.101	ug/l #	82
13) Acrolein	4.183	56	47326	82.191	ug/l	97
14) Allyl chloride	5.024	41	121283	21.821	ug/l #	87
15) Acrylonitrile	5.724	53	216797	106.100	ug/l	99
16) Acetone	4.436	43	177262	98.249	ug/l	94
17) Carbon Disulfide	4.712	76	175392	16.756	ug/l	98
18) Methyl Acetate	5.030	43	185323	21.470	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	252434	20.205	ug/l	96
20) Methylene Chloride	5.283	84	90034	19.777	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	75834	18.737	ug/l #	79
22) Diisopropyl ether	6.677	45	284330	22.074	ug/l #	89
23) Vinyl Acetate	6.612	43	712721	100.314	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	165171	21.098	ug/l	97
25) 2-Butanone	7.494	43	283441	107.282	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	117995	18.224	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93913	19.398	ug/l	86
28) Bromochloromethane	7.818	49	84750	22.213	ug/l #	73
29) Tetrahydrofuran	7.847	42	177235	103.108	ug/l #	78
30) Chloroform	7.971	83	171179	20.129	ug/l	96
31) Cyclohexane	8.265	56	131134	19.321	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	143340	20.687	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	118034	20.025	ug/l	94
37) Ethyl Acetate	7.565	43	112704	20.848	ug/l #	94
38) Carbon Tetrachloride	8.365	117	120212	20.236	ug/l	95
39) Methylcyclohexane	9.606	83	104833	18.898	ug/l #	83
40) Benzene	8.612	78	364878	20.667	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	64819	22.580	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	134441	21.800	ug/l	98
43) Isopropyl Acetate	8.694	43	192055	20.258	ug/l #	91
44) Trichloroethene	9.353	130	84978	19.397	ug/l	99
45) 1,2-Dichloropropane	9.624	63	100168	22.201	ug/l	98
46) Dibromomethane	9.712	93	63487	20.608	ug/l	95
47) Bromodichloromethane	9.888	83	136811	20.823	ug/l	97
48) Methyl methacrylate	9.682	41	88631	21.344	ug/l #	82
49) 1,4-Dioxane	9.700	88	31957	435.534	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	595177	111.512	ug/l	90
52) Toluene	10.635	92	222228	21.232	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	129950	20.176	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	142806	20.342	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	89762	21.322	ug/l	95
56) Ethyl methacrylate	10.876	69	124749	20.775	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	156958	21.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	300251	98.654	ug/l	89
59) 2-Hexanone	11.200	43	424954	104.077	ug/l	88
60) Dibromochloromethane	11.365	129	91451	20.295	ug/l	98
61) 1,2-Dibromoethane	11.476	107	87374	20.679	ug/l	98
64) Tetrachloroethene	11.112	164	70779	20.514	ug/l	99
65) Chlorobenzene	11.894	112	231191	20.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	86985	20.892	ug/l	98
67) Ethyl Benzene	11.970	91	402705	20.001	ug/l	93
68) m/p-Xylenes	12.076	106	298237	39.764	ug/l	91
69) o-Xylene	12.406	106	146598	20.298	ug/l	93
70) Styrene	12.418	104	242790	20.918	ug/l	97
71) Bromoform	12.582	173	60848	20.581	ug/l #	99
73) Isopropylbenzene	12.700	105	362955	19.965	ug/l	99
74) N-amyl acetate	12.500	43	153742	19.374	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	132216	20.512	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	105750m	18.804	ug/l	
77) Bromobenzene	12.982	156	89833	20.183	ug/l	93
78) n-propylbenzene	13.041	91	429201	20.616	ug/l	98
79) 2-Chlorotoluene	13.129	91	271083	20.383	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	302378	21.378	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	34250	16.570	ug/l #	80
82) 4-Chlorotoluene	13.223	91	272857	20.646	ug/l	97
83) tert-Butylbenzene	13.441	119	249227	21.526	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	300339	21.582	ug/l	100
85) sec-Butylbenzene	13.617	105	340692	21.239	ug/l	99
86) p-Isopropyltoluene	13.735	119	271823	20.785	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	158793	19.178	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	160469	19.093	ug/l	99
89) n-Butylbenzene	14.059	91	223801	19.868	ug/l	97
90) Hexachloroethane	14.341	117	53575	20.685	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	160441	20.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23067	21.102	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	70598	18.995	ug/l	99
94) Hexachlorobutadiene	15.506	225	34593	20.532	ug/l	98
95) Naphthalene	15.647	128	227516	18.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70321	19.302	ug/l	98

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

