

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079694.D
 Acq On : 26 Oct 2023 12:43
 Operator : JC\MD
 Sample : VN1026MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	259467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	445683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	403126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212350	50.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.940%			
35) Dibromofluoromethane	8.171	113	168547	52.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.571	98	624671	53.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.853	95	196742	52.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63233	17.007	ug/l	97
3) Chloromethane	2.365	50	75083	16.185	ug/l	94
4) Vinyl Chloride	2.518	62	84342	17.478	ug/l	97
5) Bromomethane	2.959	94	64367	22.282	ug/l	98
6) Chloroethane	3.124	64	56087	15.417	ug/l	95
7) Trichlorofluoromethane	3.501	101	104803	18.395	ug/l	99
8) Diethyl Ether	3.965	74	37229	18.329	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	61900	18.591	ug/l	99
10) Methyl Iodide	4.595	142	62510	21.636	ug/l #	98
11) Tert butyl alcohol	5.530	59	48189	76.105	ug/l	100
12) 1,1-Dichloroethene	4.342	96	53471	17.442	ug/l #	82
13) Acrolein	4.183	56	42454	67.335	ug/l	95
14) Allyl chloride	5.030	41	84646	17.110	ug/l	89
15) Acrylonitrile	5.730	53	165833	90.336	ug/l	99
16) Acetone	4.430	43	165614	99.250	ug/l	90
17) Carbon Disulfide	4.712	76	144683	15.130	ug/l	98
18) Methyl Acetate	5.030	43	139085	17.030	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	188683	18.943	ug/l	95
20) Methylene Chloride	5.283	84	69412	18.618	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	62479	17.450	ug/l #	85
22) Diisopropyl ether	6.671	45	214650	19.349	ug/l #	92
23) Vinyl Acetate	6.612	43	559226	89.620	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	127948	18.846	ug/l	97
25) 2-Butanone	7.489	43	227678	91.930	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	102681	19.790	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	71380	18.351	ug/l	85
28) Bromochloromethane	7.818	49	71109	22.013	ug/l #	73
29) Tetrahydrofuran	7.841	42	142740	89.114	ug/l #	74
30) Chloroform	7.971	83	129404	18.864	ug/l	96
31) Cyclohexane	8.259	56	98274	16.468	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	109919	19.041	ug/l	94
36) 1,1-Dichloropropene	8.377	75	91987	19.136	ug/l	96
37) Ethyl Acetate	7.565	43	88326	18.466	ug/l #	92
38) Carbon Tetrachloride	8.371	117	92820	19.288	ug/l	96
39) Methylcyclohexane	9.606	83	81334	17.611	ug/l #	84
40) Benzene	8.612	78	278266	19.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48510	19.291	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	101613	19.589	ug/l	99
43) Isopropyl Acetate	8.694	43	139716	16.673	ug/l #	93
44) Trichloroethene	9.353	130	65953	19.628	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74977	19.933	ug/l	99
46) Dibromomethane	9.712	93	49064	20.140	ug/l	96
47) Bromodichloromethane	9.894	83	103573	20.669	ug/l	98
48) Methyl methacrylate	9.682	41	64881	18.068	ug/l #	85
49) 1,4-Dioxane	9.700	88	22270	336.693	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	453445	95.857	ug/l	89
52) Toluene	10.635	92	170120	20.244	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	99847	19.772	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	112371	20.327	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	70594	20.925	ug/l	93
56) Ethyl methacrylate	10.882	69	90518	19.526	ug/l #	79
57) 1,3-Dichloropropane	11.171	76	119153	20.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	172641	97.242	ug/l #	88
59) 2-Hexanone	11.200	43	318984	93.447	ug/l	88
60) Dibromochloromethane	11.359	129	68856	20.308	ug/l	99
61) 1,2-Dibromoethane	11.477	107	66082	19.738	ug/l	98
64) Tetrachloroethene	11.106	164	54664	19.712	ug/l	97
65) Chlorobenzene	11.894	112	176734	19.686	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	67798	20.625	ug/l	99
67) Ethyl Benzene	11.971	91	304418	19.509	ug/l	95
68) m/p-Xylenes	12.076	106	229416	40.463	ug/l	94
69) o-Xylene	12.400	106	109467	19.632	ug/l	93
70) Styrene	12.418	104	178924	20.315	ug/l	97
71) Bromoform	12.582	173	45748	19.016	ug/l #	98
73) Isopropylbenzene	12.700	105	281024	18.231	ug/l	100
74) N-amyl acetate	12.500	43	108647	17.193	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	99693	19.291	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	88550m	18.536	ug/l	
77) Bromobenzene	12.982	156	68647	18.163	ug/l	98
78) n-propylbenzene	13.041	91	330956	18.977	ug/l	97
79) 2-Chlorotoluene	13.129	91	203436	18.229	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	233029	19.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27044	16.426	ug/l #	82
82) 4-Chlorotoluene	13.223	91	198876	18.728	ug/l	100
83) tert-Butylbenzene	13.441	119	186461	18.724	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	229144	19.754	ug/l	99
85) sec-Butylbenzene	13.618	105	264815	19.064	ug/l	100
86) p-Isopropyltoluene	13.735	119	207138	19.438	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	113847	18.991	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	114144	18.440	ug/l	99
89) n-Butylbenzene	14.059	91	160546	18.867	ug/l	97
90) Hexachloroethane	14.335	117	44587	19.982	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	111828	19.124	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14066	15.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	28524	15.750	ug/l	93
94) Hexachlorobutadiene	15.506	225	26274	18.627	ug/l	99
95) Naphthalene	15.647	128	72397	13.091	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	33369	15.440	ug/l	96

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

