

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078224.D
 Acq On : 15 Jun 2023 13:32
 Operator : JC\MD
 Sample : VN0615MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:05:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	345260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	619177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269189	58.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.960%			
35) Dibromofluoromethane	8.177	113	222936	56.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.880%			
50) Toluene-d8	10.571	98	817806	54.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.380%			
62) 4-Bromofluorobenzene	12.853	95	250413	53.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69425	17.789	ug/l	94
3) Chloromethane	2.371	50	76787	19.812	ug/l	99
4) Vinyl Chloride	2.524	62	95223	18.633	ug/l	98
5) Bromomethane	2.965	94	75618	19.579	ug/l	99
6) Chloroethane	3.130	64	71443	20.507	ug/l	96
7) Trichlorofluoromethane	3.506	101	134282	19.376	ug/l	98
8) Diethyl Ether	3.971	74	50149	20.594	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	76217	20.839	ug/l	99
10) Methyl Iodide	4.594	142	100273	19.386	ug/l	94
11) Tert butyl alcohol	5.530	59	62436	98.227	ug/l	99
12) 1,1-Dichloroethene	4.347	96	70581	18.721	ug/l	91
13) Acrolein	4.189	56	73786	105.326	ug/l	93
14) Allyl chloride	5.042	41	90257	19.611	ug/l	90
15) Acrylonitrile	5.736	53	183796	112.156	ug/l	99
16) Acetone	4.442	43	139884	105.571	ug/l	100
17) Carbon Disulfide	4.718	76	172476	17.773	ug/l	100
18) Methyl Acetate	5.036	43	131875	21.618	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	252133	20.960	ug/l	98
20) Methylene Chloride	5.289	84	89182	20.368	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	74958	18.433	ug/l	93
22) Diisopropyl ether	6.683	45	242385	22.390	ug/l #	94
23) Vinyl Acetate	6.618	43	700726	108.888	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	151499	21.214	ug/l	97
25) 2-Butanone	7.494	43	223848	109.859	ug/l	91
26) 2,2-Dichloropropane	7.494	77	124288	23.570	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	100299	20.678	ug/l	93
28) Bromochloromethane	7.818	49	76294	23.268	ug/l	85
29) Tetrahydrofuran	7.847	42	141745	104.060	ug/l	85
30) Chloroform	7.977	83	170007	22.107	ug/l	90
31) Cyclohexane	8.265	56	116463	19.722	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	142735	21.142	ug/l	97
36) 1,1-Dichloropropene	8.377	75	116326	20.715	ug/l	98
37) Ethyl Acetate	7.571	43	95144	21.688	ug/l	93
38) Carbon Tetrachloride	8.377	117	122250	20.617	ug/l	93
39) Methylcyclohexane	9.606	83	101072	17.368	ug/l	90
40) Benzene	8.612	78	354444	21.142	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49496	20.816	ug/l	91
42) 1,2-Dichloroethane	8.677	62	131890	22.945	ug/l	97
43) Isopropyl Acetate	8.694	43	171264	20.414	ug/l #	94
44) Trichloroethene	9.359	130	88899	20.079	ug/l	98
45) 1,2-Dichloropropane	9.629	63	91978	22.051	ug/l	100
46) Dibromomethane	9.712	93	64978	21.150	ug/l	95
47) Bromodichloromethane	9.894	83	133048	23.314	ug/l	98
48) Methyl methacrylate	9.688	41	74224	21.082	ug/l	92
49) 1,4-Dioxane	9.700	88	30115	406.963	ug/l #	94
51) 4-Methyl-2-Pentanone	10.453	43	498422	112.818	ug/l	92
52) Toluene	10.641	92	219046	20.694	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	133200	22.411	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	143809	21.889	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	93229	23.283	ug/l	97
56) Ethyl methacrylate	10.882	69	123937	21.257	ug/l	88
57) 1,3-Dichloropropane	11.171	76	151996	22.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	241078	102.356	ug/l	91
59) 2-Hexanone	11.200	43	343210	111.571	ug/l	91
60) Dibromochloromethane	11.365	129	99240	22.649	ug/l	96
61) 1,2-Dibromoethane	11.476	107	91903	21.871	ug/l	99
64) Tetrachloroethene	11.112	164	76580	21.298	ug/l	98
65) Chlorobenzene	11.900	112	235544	20.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	89588	21.103	ug/l	97
67) Ethyl Benzene	11.970	91	402857	20.228	ug/l	99
68) m/p-Xylenes	12.076	106	307655	40.534	ug/l	98
69) o-Xylene	12.406	106	151418	20.315	ug/l	97
70) Styrene	12.418	104	240770	20.518	ug/l	99
71) Bromoform	12.588	173	60362	22.033	ug/l #	97
73) Isopropylbenzene	12.700	105	374907	20.116	ug/l	99
74) N-amyl acetate	12.500	43	124970	20.362	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	126210	23.316	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	99838m	21.428	ug/l	
77) Bromobenzene	12.988	156	86239	19.933	ug/l	97
78) n-propylbenzene	13.041	91	417356	20.611	ug/l	98
79) 2-Chlorotoluene	13.129	91	268086	20.511	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	312124	20.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	34198	22.551	ug/l	91
82) 4-Chlorotoluene	13.229	91	242811	19.905	ug/l	97
83) tert-Butylbenzene	13.447	119	249727	19.040	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	304660	20.826	ug/l	98
85) sec-Butylbenzene	13.623	105	321065	18.702	ug/l	99
86) p-Isopropyltoluene	13.735	119	262143	18.817	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	142663	19.495	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	139730	19.788	ug/l	98
89) n-Butylbenzene	14.059	91	194951	17.742	ug/l	99
90) Hexachloroethane	14.335	117	48176	19.486	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	146527	20.487	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19073	20.661	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	41664	16.350	ug/l	99
94) Hexachlorobutadiene	15.506	225	24900	18.232	ug/l	99
95) Naphthalene	15.647	128	125462	14.637	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	46237	16.223	ug/l	100

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

