

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078633.D
 Acq On : 24 Jul 2023 12:41
 Operator : JC\MD
 Sample : VN0724MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 03:10:36 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	8.229	168	512921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	859378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	757941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	297723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324520	47.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.380%		
35) Dibromofluoromethane	8.177	113	296777	50.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	10.570	98	1072541	48.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.853	95	330035	48.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	92724	14.745	ug/l	100
3) Chloromethane	2.371	50	116077	16.982	ug/l	99
4) Vinyl Chloride	2.524	62	161888	18.309	ug/l	98
5) Bromomethane	2.953	94	113884	17.090	ug/l	99
6) Chloroethane	3.124	64	106384	18.686	ug/l	94
7) Trichlorofluoromethane	3.506	101	188054	17.792	ug/l	100
8) Diethyl Ether	3.977	74	65715	18.661	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	100975	18.047	ug/l	94
10) Methyl Iodide	4.594	142	130105	16.922	ug/l	94
11) Tert butyl alcohol	5.541	59	94238	88.875	ug/l	96
12) 1,1-Dichloroethene	4.347	96	94646	17.487	ug/l	99
13) Acrolein	4.194	56	93774	89.888	ug/l	98
14) Allyl chloride	5.030	41	120794	16.333	ug/l	96
15) Acrylonitrile	5.736	53	244466	91.250	ug/l	99
16) Acetone	4.447	43	193003	90.106	ug/l	91
17) Carbon Disulfide	4.724	76	218532	13.963	ug/l	96
18) Methyl Acetate	5.041	43	165055	18.203	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	336846	18.890	ug/l	100
20) Methylene Chloride	5.289	84	115978	18.097	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	108014	17.710	ug/l	85
22) Diisopropyl ether	6.677	45	306636	18.517	ug/l	93
23) Vinyl Acetate	6.618	43	924745	87.840	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	205660	18.431	ug/l	97
25) 2-Butanone	7.494	43	305591	90.633	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	176686	19.360	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	131270	18.605	ug/l	95
28) Bromochloromethane	7.824	49	105240	20.024	ug/l	98
29) Tetrahydrofuran	7.853	42	190016	85.886	ug/l	90
30) Chloroform	7.971	83	221323	19.052	ug/l	97
31) Cyclohexane	8.265	56	149102	16.045	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	195380	18.759	ug/l	99
36) 1,1-Dichloropropene	8.382	75	149140	17.705	ug/l	98
37) Ethyl Acetate	7.571	43	121532	17.308	ug/l	96
38) Carbon Tetrachloride	8.371	117	174573	19.069	ug/l	99
39) Methylcyclohexane	9.612	83	135251	17.591	ug/l	97
40) Benzene	8.612	78	471644	18.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	70971	19.826	ug/l	92
42) 1,2-Dichloroethane	8.682	62	164158	19.340	ug/l	100
43) Isopropyl Acetate	8.694	43	223768	19.356	ug/l	95
44) Trichloroethene	9.359	130	126403	18.794	ug/l	95
45) 1,2-Dichloropropane	9.629	63	119927	18.975	ug/l	100
46) Dibromomethane	9.718	93	87597	19.691	ug/l	92
47) Bromodichloromethane	9.894	83	175954	19.732	ug/l	98
48) Methyl methacrylate	9.688	41	99100	18.503	ug/l	92
49) 1,4-Dioxane	9.700	88	47599	407.517	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	654842	95.230	ug/l	94
52) Toluene	10.635	92	298269	19.285	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	176577	19.329	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	195388	20.065	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	120081	19.706	ug/l	91
56) Ethyl methacrylate	10.876	69	165602	19.441	ug/l	91
57) 1,3-Dichloropropane	11.170	76	201796	19.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	264830	87.238	ug/l	94
59) 2-Hexanone	11.200	43	461772	94.487	ug/l	94
60) Dibromochloromethane	11.365	129	136156	20.239	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125709	20.026	ug/l	99
64) Tetrachloroethene	11.112	164	103312	18.130	ug/l	96
65) Chlorobenzene	11.900	112	334405	19.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	132663	20.355	ug/l	97
67) Ethyl Benzene	11.970	91	550944	19.239	ug/l	99
68) m/p-Xylenes	12.076	106	415877	39.278	ug/l	99
69) o-Xylene	12.406	106	202838	18.967	ug/l	96
70) Styrene	12.417	104	323133	19.313	ug/l	98
71) Bromoform	12.588	173	92900	21.047	ug/l #	100
73) Isopropylbenzene	12.700	105	511005	18.266	ug/l	98
74) N-amyl acetate	12.500	43	165899	17.208	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	174200	20.465	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	132541m	18.418	ug/l	
77) Bromobenzene	12.988	156	125602	19.710	ug/l	92
78) n-propylbenzene	13.041	91	546018	18.250	ug/l	99
79) 2-Chlorotoluene	13.129	91	347853	17.751	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	415762	18.809	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	52132	19.037	ug/l	96
82) 4-Chlorotoluene	13.229	91	330507	18.079	ug/l	96
83) tert-Butylbenzene	13.447	119	360097	19.188	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	407943	19.000	ug/l	98
85) sec-Butylbenzene	13.623	105	452366	19.071	ug/l	100
86) p-Isopropyltoluene	13.735	119	355556	18.667	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	196496	18.296	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	194905	18.018	ug/l	98
89) n-Butylbenzene	14.059	91	262295	19.246	ug/l	96
90) Hexachloroethane	14.341	117	71819	20.026	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	199477	18.664	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25184	17.558	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	51133	14.990	ug/l	95
94) Hexachlorobutadiene	15.505	225	40288	20.379	ug/l	98
95) Naphthalene	15.647	128	145546	12.481	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59310	15.122	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

