

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077870.D
 Acq On : 25 May 2023 00:36
 Operator : JC\MD
 Sample : VN0524MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:46:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	375229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	679247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	589549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275402	49.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	8.171	113	232871	52.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.160%		
50) Toluene-d8	10.576	98	870787	51.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.160%		
62) 4-Bromofluorobenzene	12.859	95	285704	47.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79708	18.665	ug/l	97
3) Chloromethane	2.371	50	87001	18.072	ug/l	97
4) Vinyl Chloride	2.524	62	111451	20.700	ug/l	100
5) Bromomethane	2.965	94	83930	21.078	ug/l	95
6) Chloroethane	3.130	64	78152	20.142	ug/l	99
7) Trichlorofluoromethane	3.506	101	158294	21.097	ug/l	98
8) Diethyl Ether	3.971	74	56172	20.507	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	87068	20.968	ug/l	97
10) Methyl Iodide	4.594	142	116509	23.527	ug/l	99
11) Tert butyl alcohol	5.530	59	72504	93.573	ug/l	99
12) 1,1-Dichloroethene	4.347	96	83425	21.139	ug/l	88
13) Acrolein	4.200	56	35869	51.610	ug/l	90
14) Allyl chloride	5.036	41	107011	18.458	ug/l	94
15) Acrylonitrile	5.730	53	199868	96.551	ug/l	98
16) Acetone	4.441	43	163423	92.520	ug/l	92
17) Carbon Disulfide	4.724	76	206427	19.412	ug/l	99
18) Methyl Acetate	5.036	43	145027	19.571	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	283807	19.867	ug/l	95
20) Methylene Chloride	5.289	84	103644	21.414	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	94059	21.217	ug/l	92
22) Diisopropyl ether	6.683	45	269741	19.849	ug/l	95
23) Vinyl Acetate	6.612	43	795997	94.540	ug/l	93
24) 1,1-Dichloroethane	6.571	63	173854	20.882	ug/l	95
25) 2-Butanone	7.494	43	251736	91.106	ug/l	89
26) 2,2-Dichloropropane	7.500	77	108746	15.375	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	112588	21.181	ug/l	96
28) Bromochloromethane	7.824	49	70115	19.473	ug/l	91
29) Tetrahydrofuran	7.847	42	168168	92.948	ug/l #	85
30) Chloroform	7.971	83	189419	20.683	ug/l	91
31) Cyclohexane	8.265	56	148472	19.457	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	165124	21.207	ug/l	96
36) 1,1-Dichloropropene	8.382	75	137885	21.283	ug/l	98
37) Ethyl Acetate	7.571	43	104421	18.084	ug/l	96
38) Carbon Tetrachloride	8.371	117	146296	22.363	ug/l	99
39) Methylcyclohexane	9.606	83	162749	20.520	ug/l	92
40) Benzene	8.612	78	416635	21.793	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	60487	19.669	ug/l	90
42) 1,2-Dichloroethane	8.682	62	142211	20.478	ug/l	97
43) Isopropyl Acetate	8.694	43	182916	19.393	ug/l	95
44) Trichloroethene	9.353	130	113638	23.475	ug/l	93
45) 1,2-Dichloropropane	9.629	63	104270	21.382	ug/l	98
46) Dibromomethane	9.718	93	75849	21.737	ug/l	96
47) Bromodichloromethane	9.894	83	143446	21.472	ug/l	96
48) Methyl methacrylate	9.688	41	87527	19.573	ug/l	86
49) 1,4-Dioxane	9.700	88	34911	413.341	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	553149	98.664	ug/l	93
52) Toluene	10.635	92	264841	22.252	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	138808	19.621	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	151247	19.400	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	103757	21.956	ug/l	96
56) Ethyl methacrylate	10.882	69	142566	19.952	ug/l	92
57) 1,3-Dichloropropane	11.170	76	171206	21.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	290566	82.659	ug/l	93
59) 2-Hexanone	11.200	43	379638	91.549	ug/l	95
60) Dibromochloromethane	11.365	129	106745	21.880	ug/l	100
61) 1,2-Dibromoethane	11.476	107	102900	21.826	ug/l	99
64) Tetrachloroethene	11.112	164	105648	25.625	ug/l	98
65) Chlorobenzene	11.900	112	280635	21.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	103924	23.500	ug/l	99
67) Ethyl Benzene	11.970	91	506048	22.095	ug/l	96
68) m/p-Xylenes	12.076	106	387083	44.603	ug/l	99
69) o-Xylene	12.406	106	188327	22.066	ug/l	98
70) Styrene	12.417	104	299086	22.060	ug/l	100
71) Bromoform	12.582	173	64529	21.935	ug/l #	99
73) Isopropylbenzene	12.700	105	490630	23.851	ug/l	100
74) N-amyl acetate	12.500	43	140857	18.525	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	134938	21.323	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	121778m	20.377	ug/l	
77) Bromobenzene	12.988	156	106306	22.646	ug/l	97
78) n-propylbenzene	13.041	91	542371	22.365	ug/l	99
79) 2-Chlorotoluene	13.129	91	331796	22.928	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	414165	23.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32994	17.647	ug/l	87
82) 4-Chlorotoluene	13.229	91	315575	21.918	ug/l	99
83) tert-Butylbenzene	13.447	119	352369	23.347	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	406325	23.897	ug/l	99
85) sec-Butylbenzene	13.623	105	486988	22.704	ug/l	99
86) p-Isopropyltoluene	13.735	119	404707	23.667	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	187743	21.626	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	180079	20.903	ug/l	99
89) n-Butylbenzene	14.064	91	319732	20.328	ug/l	98
90) Hexachloroethane	14.341	117	66000	23.494	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	188494	23.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22428	18.306	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	74113	15.638	ug/l	98
94) Hexachlorobutadiene	15.511	225	38369	19.498	ug/l	99
95) Naphthalene	15.647	128	222725	13.653	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	78963	17.017	ug/l	99

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

