

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078179.D
 Acq On : 13 Jun 2023 11:50
 Operator : JC\MD
 Sample : VN0613MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 02:16:39 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	8.230	168	418615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	756986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	659424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284281	50.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.860%		
35) Dibromofluoromethane	8.171	113	233624	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	10.571	98	900555	48.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.853	95	280534	48.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	77090	16.291	ug/l	95
3) Chloromethane	2.371	50	85959	18.147	ug/l	91
4) Vinyl Chloride	2.524	62	106801	17.236	ug/l	98
5) Bromomethane	2.965	94	84283	17.998	ug/l	99
6) Chloroethane	3.130	64	79897	18.915	ug/l	100
7) Trichlorofluoromethane	3.506	101	146030	17.379	ug/l	98
8) Diethyl Ether	3.971	74	51450	17.426	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	79071	17.831	ug/l	96
10) Methyl Iodide	4.600	142	103469	16.499	ug/l	98
11) Tert butyl alcohol	5.524	59	68852	89.339	ug/l	98
12) 1,1-Dichloroethene	4.348	96	77596	16.975	ug/l	89
13) Acrolein	4.189	56	69253	81.533	ug/l	94
14) Allyl chloride	5.024	41	103183	18.491	ug/l	91
15) Acrylonitrile	5.724	53	183042	92.123	ug/l	98
16) Acetone	4.442	43	143440	89.285	ug/l	100
17) Carbon Disulfide	4.718	76	193450	16.441	ug/l	98
18) Methyl Acetate	5.042	43	135864	18.369	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	261214	17.910	ug/l	100
20) Methylene Chloride	5.283	84	93110	17.539	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	84080	17.053	ug/l #	78
22) Diisopropyl ether	6.683	45	252718	19.253	ug/l	94
23) Vinyl Acetate	6.612	43	729268	93.465	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	163430	18.874	ug/l	97
25) 2-Butanone	7.489	43	231841	93.843	ug/l	90
26) 2,2-Dichloropropane	7.494	77	137872	21.565	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	104395	17.751	ug/l	94
28) Bromochloromethane	7.824	49	72188	18.158	ug/l	88
29) Tetrahydrofuran	7.847	42	152634	92.419	ug/l #	83
30) Chloroform	7.971	83	176699	18.951	ug/l	91
31) Cyclohexane	8.259	56	123651	17.270	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	152603	18.642	ug/l	97
36) 1,1-Dichloropropene	8.377	75	126735	18.460	ug/l	97
37) Ethyl Acetate	7.565	43	97555	18.190	ug/l	97
38) Carbon Tetrachloride	8.371	117	133621	18.432	ug/l	93
39) Methylcyclohexane	9.606	83	125205	17.598	ug/l	89
40) Benzene	8.612	78	383095	18.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	51344	17.662	ug/l	94
42) 1,2-Dichloroethane	8.677	62	135703	19.310	ug/l	98
43) Isopropyl Acetate	8.694	43	174514	17.014	ug/l #	94
44) Trichloroethene	9.359	130	99242	18.335	ug/l	98
45) 1,2-Dichloropropane	9.624	63	97379	19.096	ug/l	98
46) Dibromomethane	9.712	93	70738	18.833	ug/l	98
47) Bromodichloromethane	9.894	83	140829	20.185	ug/l	97
48) Methyl methacrylate	9.688	41	78246	18.178	ug/l	89
49) 1,4-Dioxane	9.700	88	33005	364.820	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	501968	92.936	ug/l	94
52) Toluene	10.635	92	244579	18.900	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	138478	19.058	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	150350	18.718	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	95117	19.430	ug/l	97
56) Ethyl methacrylate	10.882	69	127607	17.902	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	157069	19.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266961	92.711	ug/l	93
59) 2-Hexanone	11.200	43	348192	92.584	ug/l	92
60) Dibromochloromethane	11.365	129	99140	18.507	ug/l	99
61) 1,2-Dibromoethane	11.471	107	89006	17.325	ug/l	96
64) Tetrachloroethene	11.112	164	83607	19.005	ug/l	92
65) Chlorobenzene	11.894	112	254310	18.008	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	92407	17.791	ug/l	97
67) Ethyl Benzene	11.971	91	444142	18.227	ug/l	98
68) m/p-Xylenes	12.076	106	342584	36.891	ug/l	99
69) o-Xylene	12.400	106	164140	17.999	ug/l	95
70) Styrene	12.418	104	253280	17.642	ug/l	95
71) Bromoform	12.582	173	59495	17.749	ug/l #	99
73) Isopropylbenzene	12.700	105	416542	18.006	ug/l	100
74) N-amyl acetate	12.500	43	128688	16.893	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	130290	18.958	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	101211m	17.501	ug/l	
77) Bromobenzene	12.982	156	92198	17.169	ug/l	99
78) n-propylbenzene	13.041	91	463665	18.448	ug/l	99
79) 2-Chlorotoluene	13.129	91	282901	17.437	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	334181	17.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31799	16.893	ug/l	87
82) 4-Chlorotoluene	13.223	91	268903	17.759	ug/l	98
83) tert-Butylbenzene	13.441	119	290061	17.816	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	336346	18.523	ug/l	98
85) sec-Butylbenzene	13.623	105	377402	17.711	ug/l	99
86) p-Isopropyltoluene	13.735	119	299307	17.309	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	152926	16.835	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	151469	17.281	ug/l	98
89) n-Butylbenzene	14.065	91	223378	16.377	ug/l	97
90) Hexachloroethane	14.341	117	55545	18.100	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	154389	17.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19157	16.719	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	47506	15.019	ug/l	98
94) Hexachlorobutadiene	15.512	225	26224	15.041	ug/l	99
95) Naphthalene	15.647	128	128056	12.035	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	50946	14.401	ug/l	95

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

