

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080155.D
 Acq On : 17 Nov 2023 12:06
 Operator : JC\MD
 Sample : VN1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	240683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	344784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195785	49.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	139204	49.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	10.571	98	507129	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.400%		
62) 4-Bromofluorobenzene	12.853	95	188912	49.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65556	18.286	ug/l	97
3) Chloromethane	2.359	50	51080	18.951	ug/l	96
4) Vinyl Chloride	2.512	62	53710	18.829	ug/l	97
5) Bromomethane	2.953	94	35396	18.279	ug/l	93
6) Chloroethane	3.118	64	35472	19.021	ug/l	99
7) Trichlorofluoromethane	3.495	101	108145	18.174	ug/l	96
8) Diethyl Ether	3.959	74	32193	18.603	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	49083	18.047	ug/l	97
10) Methyl Iodide	4.594	142	55146	18.762	ug/l #	88
11) Tert butyl alcohol	5.518	59	44168	101.066	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	47003	18.477	ug/l	84
13) Acrolein	4.171	56	43052	111.315	ug/l	97
14) Allyl chloride	5.030	41	58225	18.192	ug/l	94
15) Acrylonitrile	5.724	53	118659	101.141	ug/l	98
16) Acetone	4.430	43	107123	80.255	ug/l	96
17) Carbon Disulfide	4.712	76	131739	17.344	ug/l	100
18) Methyl Acetate	5.024	43	81380	18.976	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	173675	19.332	ug/l	96
20) Methylene Chloride	5.283	84	57644	20.622	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	52358	18.735	ug/l #	81
22) Diisopropyl ether	6.671	45	146989	20.758	ug/l	92
23) Vinyl Acetate	6.606	43	433534	101.840	ug/l	93
24) 1,1-Dichloroethane	6.571	63	96473	18.706	ug/l	98
25) 2-Butanone	7.488	43	145808	91.941	ug/l	94
26) 2,2-Dichloropropane	7.488	77	93773	18.327	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	60196	18.999	ug/l	87
28) Bromochloromethane	7.818	49	44466	21.931	ug/l	94
29) Tetrahydrofuran	7.841	42	90962	106.835	ug/l	91
30) Chloroform	7.965	83	113326	19.660	ug/l	92
31) Cyclohexane	8.259	56	76471	17.694	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	104563	18.600	ug/l	98
36) 1,1-Dichloropropene	8.371	75	77260	19.042	ug/l	94
37) Ethyl Acetate	7.565	43	61358	21.802	ug/l	97
38) Carbon Tetrachloride	8.365	117	93998	18.256	ug/l	93
39) Methylcyclohexane	9.606	83	70048	17.905	ug/l	92
40) Benzene	8.606	78	222765	19.318	ug/l	97

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41) Methacrylonitrile	7.783	41	33745	21.834	ug/l	91
42) 1,2-Dichloroethane	8.671	62	92103	19.523	ug/l	97
43) Isopropyl Acetate	8.688	43	99720	18.208	ug/l	98
44) Trichloroethene	9.353	130	57343	18.957	ug/l	99
45) 1,2-Dichloropropane	9.624	63	54416	20.306	ug/l	93
46) Dibromomethane	9.712	93	41026	20.224	ug/l	90
47) Bromodichloromethane	9.888	83	87770	19.670	ug/l	99
48) Methyl methacrylate	9.682	41	56956	20.181	ug/l	90
49) 1,4-Dioxane	9.694	88	19533	416.019	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	302971	106.854	ug/l	97
52) Toluene	10.629	92	137775	19.091	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	88451	19.293	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	92573	19.764	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	55383	20.107	ug/l	98
56) Ethyl methacrylate	10.876	69	59762	21.239	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	96776	20.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	180568	113.907	ug/l	96
59) 2-Hexanone	11.200	43	224204	98.405	ug/l	97
60) Dibromochloromethane	11.359	129	64801	19.651	ug/l	99
61) 1,2-Dibromoethane	11.471	107	56520	20.114	ug/l	98
64) Tetrachloroethene	11.106	164	54849	20.845	ug/l	97
65) Chlorobenzene	11.894	112	147527	18.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	61246	20.201	ug/l	94
67) Ethyl Benzene	11.970	91	263589	18.961	ug/l	92
68) m/p-Xylenes	12.076	106	199197	39.299	ug/l	91
69) o-Xylene	12.400	106	94117	19.702	ug/l	90
70) Styrene	12.418	104	140512	19.763	ug/l	94
71) Bromoform	12.582	173	44030	19.583	ug/l #	100
73) Isopropylbenzene	12.700	105	244977	18.421	ug/l	97
74) N-amyl acetate	12.500	43	77063	18.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	75980	19.089	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77089m	18.384	ug/l	
77) Bromobenzene	12.982	156	61486	18.338	ug/l	99
78) n-propylbenzene	13.041	91	270586	18.196	ug/l	100
79) 2-Chlorotoluene	13.129	91	182990	18.946	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	215352	18.603	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	26075	21.010	ug/l	95
82) 4-Chlorotoluene	13.223	91	182963	18.491	ug/l	95
83) tert-Butylbenzene	13.441	119	164756	17.747	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	210499	18.466	ug/l	96
85) sec-Butylbenzene	13.617	105	215694	18.367	ug/l	99
86) p-Isopropyltoluene	13.735	119	194276	18.519	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	107166	17.740	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107647	17.732	ug/l	97
89) n-Butylbenzene	14.059	91	152230	17.337	ug/l	99
90) Hexachloroethane	14.335	117	35423	17.320	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	104616	18.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15990	17.296	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	53950	16.047	ug/l	98
94) Hexachlorobutadiene	15.500	225	29442	15.217	ug/l	99
95) Naphthalene	15.641	128	152449	15.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51546	16.357	ug/l	95

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

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