

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078595.D
 Acq On : 20 Jul 2023 15:57
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:16:12 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	8.236	168	479260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	730652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	287395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	357437	55.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.260%			
35) Dibromofluoromethane	8.171	113	310793	56.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.540%			
50) Toluene-d8	10.571	98	1114847	53.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.853	95	348562	54.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97059	16.518	ug/l	98
3) Chloromethane	2.371	50	117357	18.375	ug/l	97
4) Vinyl Chloride	2.518	62	167550	20.280	ug/l	98
5) Bromomethane	2.953	94	104005	16.579	ug/l	98
6) Chloroethane	3.124	64	94749	17.718	ug/l	97
7) Trichlorofluoromethane	3.501	101	182926	18.522	ug/l	98
8) Diethyl Ether	3.977	74	66973	20.354	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	98748	18.888	ug/l	94
10) Methyl Iodide	4.595	142	123653	17.212	ug/l	95
11) Tert butyl alcohol	5.542	59	104745	105.723	ug/l	99
12) 1,1-Dichloroethene	4.348	96	91012	17.997	ug/l	92
13) Acrolein	4.195	56	116065	119.070	ug/l	97
14) Allyl chloride	5.036	41	129606	18.756	ug/l	95
15) Acrylonitrile	5.736	53	257324	102.796	ug/l	99
16) Acetone	4.442	43	209346	104.601	ug/l	94
17) Carbon Disulfide	4.718	76	219874	15.036	ug/l	98
18) Methyl Acetate	5.036	43	176809	20.869	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	342436	20.552	ug/l	95
20) Methylene Chloride	5.289	84	117401	19.710	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	105506	18.514	ug/l	90
22) Diisopropyl ether	6.689	45	329892	21.321	ug/l #	88
23) Vinyl Acetate	6.612	43	1020820	103.777	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	201223	19.300	ug/l	96
25) 2-Butanone	7.494	43	325639	103.363	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	170500	19.994	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	130076	19.731	ug/l	92
28) Bromochloromethane	7.824	49	117098	23.845	ug/l	92
29) Tetrahydrofuran	7.847	42	212017	102.561	ug/l #	84
30) Chloroform	7.977	83	223579	20.597	ug/l	96
31) Cyclohexane	8.265	56	151944	17.499	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	185416	19.052	ug/l	97
36) 1,1-Dichloropropene	8.377	75	152742	19.154	ug/l	97
37) Ethyl Acetate	7.571	43	145398	21.872	ug/l #	94
38) Carbon Tetrachloride	8.371	117	166115	19.166	ug/l	96
39) Methylcyclohexane	9.606	83	137466	18.885	ug/l	92
40) Benzene	8.612	78	472114	19.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	71700	21.157	ug/l	92
42) 1,2-Dichloroethane	8.677	62	169064	21.039	ug/l	98
43) Isopropyl Acetate	8.694	43	248203	22.678	ug/l #	92
44) Trichloroethene	9.359	130	120692	18.954	ug/l	94
45) 1,2-Dichloropropane	9.624	63	128014	21.394	ug/l	98
46) Dibromomethane	9.718	93	88950	21.121	ug/l	92
47) Bromodichloromethane	9.894	83	179311	21.240	ug/l	96
48) Methyl methacrylate	9.688	41	109031	21.503	ug/l	89
49) 1,4-Dioxane	9.700	88	45727	413.521	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	706483	108.522	ug/l	94
52) Toluene	10.635	92	298462	20.383	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	180588	20.880	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	200357	21.733	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	125647	21.779	ug/l	98
56) Ethyl methacrylate	10.882	69	176615	21.900	ug/l	93
57) 1,3-Dichloropropane	11.171	76	210826	21.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	334132	116.261	ug/l	93
59) 2-Hexanone	11.200	43	506395	109.449	ug/l	91
60) Dibromochloromethane	11.365	129	137273	21.553	ug/l	100
61) 1,2-Dibromoethane	11.476	107	128109	21.557	ug/l	96
64) Tetrachloroethene	11.106	164	99037	18.029	ug/l	96
65) Chlorobenzene	11.900	112	326700	20.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	125954	20.047	ug/l	98
67) Ethyl Benzene	11.971	91	548159	19.856	ug/l	100
68) m/p-Xylenes	12.076	106	410844	40.252	ug/l	97
69) o-Xylene	12.406	106	207062	20.085	ug/l	100
70) Styrene	12.418	104	334032	20.710	ug/l	99
71) Bromoform	12.582	173	87519	20.568	ug/l #	97
73) Isopropylbenzene	12.700	105	514466	19.051	ug/l	99
74) N-amyl acetate	12.500	43	178638	19.195	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	176966	21.710	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	140284m	20.194	ug/l	
77) Bromobenzene	12.982	156	125593	20.474	ug/l	97
78) n-propylbenzene	13.041	91	565905	19.595	ug/l	100
79) 2-Chlorotoluene	13.129	91	349893	18.496	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	421813	19.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	55825	21.118	ug/l	90
82) 4-Chlorotoluene	13.229	91	337381	19.118	ug/l	97
83) tert-Butylbenzene	13.441	119	357310	19.724	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	418170	20.177	ug/l	99
85) sec-Butylbenzene	13.623	105	447620	19.549	ug/l	99
86) p-Isopropyltoluene	13.735	119	369070	20.073	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	205998	19.871	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	191943	18.381	ug/l	97
89) n-Butylbenzene	14.059	91	278329	21.157	ug/l	96
90) Hexachloroethane	14.335	117	70355	20.335	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	200172	19.402	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25126	18.215	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	54316	16.496	ug/l	96
94) Hexachlorobutadiene	15.511	225	39894	21.021	ug/l	98
95) Naphthalene	15.647	128	168227	14.945	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	63318	16.724	ug/l	95

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

