

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078910.D
 Acq On : 16 Aug 2023 18:07
 Operator : JC\MD
 Sample : VN0816MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 01:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	147050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	128738	56.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.520%			
35) Dibromofluoromethane	8.177	113	98168	51.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.571	98	364705	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	118051	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	37082	18.174	ug/l	100
3) Chloromethane	2.365	50	54639	19.180	ug/l	96
4) Vinyl Chloride	2.512	62	52654	21.075	ug/l	93
5) Bromomethane	2.942	94	30269	21.102	ug/l	93
6) Chloroethane	3.118	64	38008	21.762	ug/l	96
7) Trichlorofluoromethane	3.495	101	60229	19.793	ug/l	95
8) Diethyl Ether	3.971	74	23106	20.029	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.365	101	31497	19.435	ug/l	98
10) Methyl Iodide	4.589	142	33536	18.495	ug/l	94
11) Tert butyl alcohol	5.542	59	42119	109.694	ug/l	98
12) 1,1-Dichloroethene	4.348	96	30620	19.396	ug/l	84
13) Acrolein	4.189	56	35782	159.713	ug/l	93
14) Allyl chloride	5.024	41	63376	20.170	ug/l #	88
15) Acrylonitrile	5.730	53	113881	109.481	ug/l	99
16) Acetone	4.436	43	99206	105.074	ug/l	93
17) Carbon Disulfide	4.706	76	81720	18.493	ug/l	100
18) Methyl Acetate	5.036	43	90039	22.574	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	119271	20.973	ug/l #	89
20) Methylene Chloride	5.289	84	42235	20.991	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	35385	19.988	ug/l #	83
22) Diisopropyl ether	6.677	45	141698	21.317	ug/l #	87
23) Vinyl Acetate	6.612	43	446944	102.119	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	76644	21.106	ug/l	96
25) 2-Butanone	7.494	43	160762	106.202	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	46932	15.989	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	43041	20.003	ug/l	88
28) Bromochloromethane	7.812	49	43951	22.816	ug/l #	71
29) Tetrahydrofuran	7.847	42	109464	109.252	ug/l #	69
30) Chloroform	7.971	83	76977	21.218	ug/l	90
31) Cyclohexane	8.259	56	57861	18.618	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	64803	20.949	ug/l	94
36) 1,1-Dichloropropene	8.377	75	50797	17.731	ug/l	95
37) Ethyl Acetate	7.571	43	66968	20.892	ug/l #	89
38) Carbon Tetrachloride	8.371	117	54184	18.876	ug/l	96
39) Methylcyclohexane	9.606	83	45129	17.128	ug/l #	87
40) Benzene	8.612	78	164951	19.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	33964	19.455	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	64807	20.485	ug/l	96
43) Isopropyl Acetate	8.694	43	157389	27.780	ug/l #	76
44) Trichloroethene	9.359	130	37506	18.641	ug/l	96
45) 1,2-Dichloropropane	9.624	63	45428	20.150	ug/l	93
46) Dibromomethane	9.712	93	30769	19.897	ug/l	97
47) Bromodichloromethane	9.894	83	61894	20.269	ug/l	96
48) Methyl methacrylate	9.688	41	49375	19.232	ug/l #	77
49) 1,4-Dioxane	9.706	88	18541	423.995	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	341319	101.576	ug/l #	86
52) Toluene	10.635	92	100168	19.267	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	61262	18.708	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	66790	18.727	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	42324	20.303	ug/l	92
56) Ethyl methacrylate	10.877	69	62147	19.232	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	73968	19.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	156881	101.137	ug/l	90
59) 2-Hexanone	11.200	43	252765	103.855	ug/l	81
60) Dibromochloromethane	11.365	129	43156	19.673	ug/l	100
61) 1,2-Dibromoethane	11.477	107	41335	19.512	ug/l	97
64) Tetrachloroethene	11.112	164	30145	19.066	ug/l	89
65) Chlorobenzene	11.894	112	104814	19.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	40119	19.781	ug/l	97
67) Ethyl Benzene	11.971	91	181547	18.602	ug/l	100
68) m/p-Xylenes	12.076	106	137233	37.610	ug/l	98
69) o-Xylene	12.406	106	65792	18.536	ug/l	92
70) Styrene	12.418	104	110167	18.614	ug/l	98
71) Bromoform	12.582	173	29219	19.817	ug/l #	98
73) Isopropylbenzene	12.700	105	160132	18.396	ug/l	100
74) N-amyl acetate	12.500	43	85526	19.465	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	67251	21.397	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51722m	20.562	ug/l	
77) Bromobenzene	12.982	156	39392	18.826	ug/l	87
78) n-propylbenzene	13.041	91	189613	18.785	ug/l	97
79) 2-Chlorotoluene	13.129	91	119693	19.116	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	132280	19.176	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20483	20.801	ug/l #	84
82) 4-Chlorotoluene	13.223	91	115836	18.907	ug/l	98
83) tert-Butylbenzene	13.441	119	112088	19.339	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	132317	19.371	ug/l	100
85) sec-Butylbenzene	13.623	105	146639	18.384	ug/l	98
86) p-Isopropyltoluene	13.735	119	115767	18.166	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67527	18.755	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	67108	18.622	ug/l	99
89) n-Butylbenzene	14.059	91	90764	17.307	ug/l	96
90) Hexachloroethane	14.335	117	24766	19.387	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	68653	19.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11174	18.791	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	19844	15.634	ug/l	94
94) Hexachlorobutadiene	15.512	225	12681	17.226	ug/l	97
95) Naphthalene	15.647	128	62806	14.957	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	23207	16.693	ug/l	99

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

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