

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075949.D
 Acq On : 22 Dec 2022 17:00
 Operator : JC\MD
 Sample : VN1222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	185688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	135657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	144339	71.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 142.900%#			
35) Dibromofluoromethane	8.177	113	126465	60.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.980%			
50) Toluene-d8	10.571	98	398677	51.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.853	95	135327	52.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	19333	14.663	ug/l	90
3) Chloromethane	2.371	50	33760	20.592	ug/l	100
4) Vinyl Chloride	2.530	62	33537	17.149	ug/l	95
5) Bromomethane	2.959	94	36252	21.812	ug/l	99
6) Chloroethane	3.124	64	30059	20.756	ug/l	98
7) Trichlorofluoromethane	3.512	101	46780	15.764	ug/l	92
8) Diethyl Ether	3.977	74	29963	27.645	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	28375	16.745	ug/l	98
10) Methyl Iodide	4.606	142	58546	21.290	ug/l	99
11) Tert butyl alcohol	5.536	59	42768	149.620	ug/l	99
12) 1,1-Dichloroethene	4.353	96	28788	17.493	ug/l	99
13) Acrolein	4.195	56	67413	192.370	ug/l	100
14) Allyl chloride	5.036	41	41497	21.570	ug/l	92
15) Acrylonitrile	5.736	53	114392	146.647	ug/l	99
16) Acetone	4.442	43	90165	129.478	ug/l	94
17) Carbon Disulfide	4.724	76	64698	16.237	ug/l	98
18) Methyl Acetate	5.048	43	60576	29.428	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	154618	28.530	ug/l	97
20) Methylene Chloride	5.289	84	50650	26.894	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	35379	19.629	ug/l	98
22) Diisopropyl ether	6.683	45	128420	27.478	ug/l	99
23) Vinyl Acetate	6.618	43	446953	142.087	ug/l	99
24) 1,1-Dichloroethane	6.583	63	73017	23.426	ug/l	98
25) 2-Butanone	7.494	43	143350	147.018	ug/l	94
26) 2,2-Dichloropropane	7.500	77	49257	18.661	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	51922	24.087	ug/l	100
28) Bromochloromethane	7.824	49	38772	28.381	ug/l	96
29) Tetrahydrofuran	7.847	42	92600	151.546	ug/l	99
30) Chloroform	7.977	83	85314	24.311	ug/l	99
31) Cyclohexane	8.259	56	44828	15.495	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	62150	19.976	ug/l	99
36) 1,1-Dichloropropene	8.383	75	42762	15.524	ug/l	98
37) Ethyl Acetate	7.571	43	57175	25.841	ug/l	99
38) Carbon Tetrachloride	8.365	117	49791	16.150	ug/l	99
39) Methylcyclohexane	9.606	83	48020	14.450	ug/l	93
40) Benzene	8.612	78	168582	19.836	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	31233	27.157	ug/l	98
42) 1,2-Dichloroethane	8.677	62	67993	24.064	ug/l	99
43) Isopropyl Acetate	8.694	43	96737	26.504	ug/l	97
44) Trichloroethene	9.359	130	40872	17.071	ug/l	90
45) 1,2-Dichloropropane	9.624	63	45670	22.082	ug/l	96
46) Dibromomethane	9.718	93	36953	24.090	ug/l	100
47) Bromodichloromethane	9.894	83	72686	24.163	ug/l	100
48) Methyl methacrylate	9.682	41	43225	26.295	ug/l	96
49) 1,4-Dioxane	9.700	88	22903	566.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	305368	138.345	ug/l	99
52) Toluene	10.635	92	106230	19.192	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	69642	23.650	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	74310	22.984	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	53141	24.460	ug/l	99
56) Ethyl methacrylate	10.877	69	75162	26.046	ug/l	97
57) 1,3-Dichloropropane	11.165	76	86516	24.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	100827	109.742	ug/l	99
59) 2-Hexanone	11.200	43	219689	136.478	ug/l	100
60) Dibromochloromethane	11.365	129	60911	25.211	ug/l	99
61) 1,2-Dibromoethane	11.477	107	53511	24.339	ug/l	99
64) Tetrachloroethene	11.106	164	35221	16.756	ug/l	97
65) Chlorobenzene	11.894	112	116638	19.024	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	50482	22.229	ug/l	98
67) Ethyl Benzene	11.971	91	185365	17.913	ug/l	99
68) m/p-Xylenes	12.076	106	147624	36.044	ug/l	99
69) o-Xylene	12.406	106	77497	19.121	ug/l	97
70) Styrene	12.418	104	127430	19.774	ug/l	99
71) Bromoform	12.582	173	44344	26.835	ug/l #	96
73) Isopropylbenzene	12.700	105	178333	18.191	ug/l	99
74) N-amyl acetate	12.500	43	74533	25.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	77220	25.481	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	61647m	22.544	ug/l	
77) Bromobenzene	12.988	156	50767	20.463	ug/l	93
78) n-propylbenzene	13.041	91	189848	17.558	ug/l	99
79) 2-Chlorotoluene	13.129	91	128977	19.109	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	156361	19.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21697	28.560	ug/l	94
82) 4-Chlorotoluene	13.129	91	128977	19.109	ug/l	98
83) tert-Butylbenzene	13.447	119	134938	18.653	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	157523	19.353	ug/l	99
85) sec-Butylbenzene	13.623	105	175542	17.581	ug/l	99
86) p-Isopropyltoluene	13.735	119	147553	17.760	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	85694	18.699	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	87141	18.613	ug/l	100
89) n-Butylbenzene	14.065	91	107071	15.908	ug/l	99
90) Hexachloroethane	14.341	117	30395	20.452	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	91347	20.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14481	26.929	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	38787	17.356	ug/l	100
94) Hexachlorobutadiene	15.506	225	18822	15.437	ug/l	98
95) Naphthalene	15.647	128	131669	19.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	39498	18.910	ug/l	97

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

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