

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075841.D
 Acq On : 16 Dec 2022 12:37
 Operator : JC\MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:37:55 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	8.230	168	294387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	485592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181819	56.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.540%			
35) Dibromofluoromethane	8.171	113	159724	53.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.220%			
50) Toluene-d8	10.571	98	584512	51.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	203524	54.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	36939	17.672	ug/l	97
3) Chloromethane	2.377	50	46603	17.930	ug/l	94
4) Vinyl Chloride	2.530	62	54908	17.710	ug/l	95
5) Bromomethane	2.959	94	48489	18.402	ug/l	94
6) Chloroethane	3.130	64	42743	18.616	ug/l	99
7) Trichlorofluoromethane	3.512	101	82993	17.641	ug/l	100
8) Diethyl Ether	3.971	74	36654	21.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	47904	17.832	ug/l	98
10) Methyl Iodide	4.601	142	79690	18.279	ug/l	100
11) Tert butyl alcohol	5.536	59	42885	94.633	ug/l	99
12) 1,1-Dichloroethene	4.359	96	45848	17.572	ug/l	99
13) Acrolein	4.195	56	77300	139.135	ug/l	98
14) Allyl chloride	5.042	41	63198	20.720	ug/l	98
15) Acrylonitrile	5.736	53	135627	109.670	ug/l	98
16) Acetone	4.442	43	105577	95.630	ug/l	97
17) Carbon Disulfide	4.724	76	99481	15.748	ug/l	97
18) Methyl Acetate	5.036	43	70202	21.512	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	187867	21.865	ug/l	99
20) Methylene Chloride	5.289	84	60747	20.187	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	51910	18.167	ug/l	95
22) Diisopropyl ether	6.683	45	157972	21.321	ug/l #	98
23) Vinyl Acetate	6.618	43	553847	111.057	ug/l	99
24) 1,1-Dichloroethane	6.577	63	93913	19.005	ug/l	99
25) 2-Butanone	7.494	43	165410	107.004	ug/l	94
26) 2,2-Dichloropropane	7.500	77	76623	18.310	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	66463	19.448	ug/l	98
28) Bromochloromethane	7.824	49	43620	20.140	ug/l #	99
29) Tetrahydrofuran	7.847	42	109347	112.877	ug/l	99
30) Chloroform	7.977	83	107680	19.354	ug/l	98
31) Cyclohexane	8.259	56	84337	18.387	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	91544	18.560	ug/l	96
36) 1,1-Dichloropropene	8.377	75	73302	18.350	ug/l	99
37) Ethyl Acetate	7.571	43	69256	21.583	ug/l	97
38) Carbon Tetrachloride	8.371	117	78884	17.643	ug/l	98
39) Methylcyclohexane	9.606	83	93958	19.496	ug/l	96
40) Benzene	8.612	78	232922	18.898	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39429	23.640	ug/l	95
42) 1,2-Dichloroethane	8.677	62	84261	20.563	ug/l	99
43) Isopropyl Acetate	8.694	43	120274	22.723	ug/l	98
44) Trichloroethene	9.353	130	61915	17.831	ug/l	96
45) 1,2-Dichloropropane	9.624	63	59759	19.924	ug/l	97
46) Dibromomethane	9.712	93	46201	20.768	ug/l	98
47) Bromodichloromethane	9.894	83	84448	19.358	ug/l	98
48) Methyl methacrylate	9.683	41	54904	23.030	ug/l	98
49) 1,4-Dioxane	9.700	88	23052	393.322	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	361880	113.050	ug/l	100
52) Toluene	10.635	92	156475	19.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	86822	20.331	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	95864	20.446	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	67484	21.419	ug/l	96
56) Ethyl methacrylate	10.877	69	98258	23.479	ug/l	100
57) 1,3-Dichloropropane	11.165	76	108725	21.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	175221	131.506	ug/l	99
59) 2-Hexanone	11.200	43	261873	112.179	ug/l	100
60) Dibromochloromethane	11.365	129	68844	19.648	ug/l	97
61) 1,2-Dibromoethane	11.471	107	67127	21.053	ug/l	97
64) Tetrachloroethene	11.106	164	55821	17.566	ug/l	96
65) Chlorobenzene	11.894	112	169161	18.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	64932	18.913	ug/l	98
67) Ethyl Benzene	11.965	91	295081	18.863	ug/l	100
68) m/p-Xylenes	12.077	106	232222	37.506	ug/l	99
69) o-Xylene	12.400	106	122235	19.949	ug/l	99
70) Styrene	12.418	104	194187	19.932	ug/l	99
71) Bromoform	12.582	173	51366	20.562	ug/l #	98
73) Isopropylbenzene	12.700	105	303459	20.040	ug/l	100
74) N-amyl acetate	12.500	43	102578	23.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	98080	20.952	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	91316m	21.619	ug/l	
77) Bromobenzene	12.982	156	73248	19.114	ug/l	97
78) n-propylbenzene	13.041	91	346471	20.745	ug/l	93
79) 2-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	259411	20.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24616	20.977	ug/l	91
82) 4-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
83) tert-Butylbenzene	13.441	119	227183	20.331	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	257014	20.442	ug/l	97
85) sec-Butylbenzene	13.618	105	334210	21.670	ug/l	100
86) p-Isopropyltoluene	13.735	119	281992	21.974	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	133204	18.817	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	133142	18.411	ug/l	97
89) n-Butylbenzene	14.059	91	216565	20.831	ug/l	98
90) Hexachloroethane	14.335	117	40465	17.627	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	136707	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16922	20.372	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	67003	19.410	ug/l	98
94) Hexachlorobutadiene	15.506	225	34232	18.176	ug/l	99
95) Naphthalene	15.647	128	230750	21.530	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	65650	20.348	ug/l	91

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

