Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
Data File : VN070566.D
Acq On : 11 Jan 2022 13:29
Operator : JC/MD
Sample : VN0111MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 12 05:59:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.083	168	924728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1513372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1377776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	565336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	652685	49.089	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.180%			
35) Dibromofluoromethane	8.021	113	489862	53.498	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.000%			
50) Toluene-d8	10.438	98	1967976	52.611	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.728	95	698820	51.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	185689	17.707	ug/l	100
3) Chloromethane	2.306	50	269696	18.906	ug/l	97
4) Vinyl Chloride	2.451	62	245275	18.885	ug/l	98
5) Bromomethane	2.869	94	152288	22.717	ug/l	100
6) Chloroethane	3.027	64	157229	20.102	ug/l	93
7) Trichlorofluoromethane	3.384	101	312154	19.968	ug/l	97
8) Diethyl Ether	3.824	74	148070	21.486	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	198601	20.771	ug/l	94
10) Methyl Iodide	4.425	142	262076	20.253	ug/l	98
11) Tert butyl alcohol	5.369	59	212799	96.123	ug/l	98
12) 1,1-Dichloroethene	4.183	96	185699	19.718	ug/l	90
13) Acrolein	4.041	56	132384	73.700	ug/l	98
14) Allyl chloride	4.843	41	442334	20.716	ug/l #	83
15) Acrylonitrile	5.551	53	726589	105.176	ug/l	99
16) Acetone	4.285	43	810279	93.879	ug/l	99
17) Carbon Disulfide	4.532	76	462916	18.007	ug/l	98
18) Methyl Acetate	4.854	43	518188	20.755	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	752782	21.523	ug/l	94
20) Methylene Chloride	5.095	84	240852	20.169	ug/l #	85
21) trans-1,2-Dichloroethene	5.602	96	202716	20.329	ug/l	87
22) Diisopropyl ether	6.495	45	945881	22.743	ug/l #	91
23) Vinyl Acetate	6.434	43	3509132	108.749	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	458676	21.270	ug/l	97
25) 2-Butanone	7.332	43	1102937	101.489	ug/l	92
26) 2,2-Dichloropropane	7.327	77	343632	20.199	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	253023	21.265	ug/l	88
28) Bromochloromethane	7.659	49	214145	20.305	ug/l #	77
29) Tetrahydrofuran	7.683	42	695826	107.315	ug/l	87
30) Chloroform	7.817	83	427927	20.569	ug/l	100
31) Cyclohexane	8.094	56	440396	20.990	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	348185	19.849	ug/l	97
36) 1,1-Dichloropropene	8.220	75	315828	20.850	ug/l	96
37) Ethyl Acetate	7.410	43	416693	21.223	ug/l	97
38) Carbon Tetrachloride	8.206	117	281858	19.487	ug/l	98
39) Methylcyclohexane	9.459	83	374433	20.418	ug/l	89
40) Benzene	8.458	78	1006493	21.673	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.635	41	220218	22.424	ug/l	#	86
42) 1,2-Dichloroethane	8.528	62	347214	19.892	ug/l		99
43) Isopropyl Acetate	8.558	43	646362	20.880	ug/l		96
44) Trichloroethene	9.215	130	225921	20.474	ug/l		92
45) 1,2-Dichloropropane	9.486	63	280915	22.467	ug/l		100
46) Dibromomethane	9.574	93	160826	20.685	ug/l		95
47) Bromodichloromethane	9.759	83	322659	20.900	ug/l		99
48) Methyl methacrylate	9.558	41	317584	21.508	ug/l	#	80
49) 1,4-Dioxane	9.566	88	85900	397.421	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.328	43	2090626	107.479	ug/l		98
52) Toluene	10.502	92	609327	21.677	ug/l		98
53) t-1,3-Dichloropropene	10.717	75	346979	20.761	ug/l		100
54) cis-1,3-Dichloropropene	10.186	75	393352	21.757	ug/l		99
55) 1,1,2-Trichloroethane	10.894	97	241850	21.746	ug/l		97
56) Ethyl methacrylate	10.757	69	394283	21.456	ug/l		89
57) 1,3-Dichloropropane	11.041	76	425083	21.609	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.038	63	405063	98.417	ug/l		91
59) 2-Hexanone	11.081	43	1495248	105.411	ug/l		96
60) Dibromochloromethane	11.234	129	227730	20.986	ug/l		99
61) 1,2-Dibromoethane	11.344	107	233187	20.649	ug/l		100
64) Tetrachloroethene	10.974	164	202718	20.318	ug/l		97
65) Chlorobenzene	11.768	112	626893	21.444	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.838	131	220315	21.111	ug/l		98
67) Ethyl Benzene	11.840	91	1160028	21.658	ug/l		97
68) m/p-Xylenes	11.950	106	848345	43.512	ug/l		94
69) o-Xylene	12.278	106	425333	21.932	ug/l		92
70) Styrene	12.291	104	679220	22.129	ug/l		96
71) Bromoform	12.455	173	160090	20.669	ug/l	#	100
73) Isopropylbenzene	12.575	105	1112491	21.190	ug/l		98
74) N-amyl acetate	12.385	43	429321	19.449	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.825	83	372282	20.584	ug/l		99
76) 1,2,3-Trichloropropane	12.876	75	307274m	20.089	ug/l		
77) Bromobenzene	12.857	156	250350	20.771	ug/l		77
78) n-propylbenzene	12.919	91	1237442	21.273	ug/l		96
79) 2-Chlorotoluene	13.004	91	777589	20.834	ug/l		92
80) 1,3,5-Trimethylbenzene	13.055	105	901548	21.429	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.624	75	93690	20.248	ug/l		97
82) 4-Chlorotoluene	13.101	91	726818	20.790	ug/l		92
83) tert-Butylbenzene	13.321	119	773415	20.878	ug/l		94
84) 1,2,4-Trimethylbenzene	13.364	105	874722	21.592	ug/l		99
85) sec-Butylbenzene	13.498	105	1062629	21.128	ug/l		97
86) p-Isopropyltoluene	13.613	119	848246	21.470	ug/l		97
87) 1,3-Dichlorobenzene	13.613	146	422717	20.950	ug/l		97
88) 1,4-Dichlorobenzene	13.691	146	401278	20.161	ug/l		96
89) n-Butylbenzene	13.940	91	662058	20.090	ug/l		98
90) Hexachloroethane	14.206	117	136903	19.946	ug/l		93
91) 1,2-Dichlorobenzene	13.986	146	414957	20.978	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	56910	18.713	ug/l		81
93) 1,2,4-Trichlorobenzene	15.260	180	174984	18.775	ug/l		99
94) Hexachlorobutadiene	15.367	225	120822	22.305	ug/l		99
95) Naphthalene	15.504	128	415566	17.350	ug/l		99
96) 1,2,3-Trichlorobenzene	15.697	180	168034	19.363	ug/l		99

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

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