Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116659.D
Acq On : 30 Aug 2019 18:45
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:19 PM

Quant Time: Aug 30 20:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 18:11:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125251	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	517902	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	258292	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	412310	20.00	ng		0.00
76) Chrysene-d12	14.00	240	246551	20.00	ng		0.00
87) Perylene-d12	15.45	264	218099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1149819	115.50	ng		0.00
7) Phenol-d6	6.49	99	1503621	130.62	ng		0.01
23) Nitrobenzene-d5	7.42	82	1437816	146.10	ng		0.01
42) 2,4,6-Tribromophenol	10.68	330	263632	88.51	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2146397	104.32	ng		0.00
79) Terphenyl-d14	12.96	244	1897975	124.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	276393	56.024	ng		98
3) Pyridine	3.35	79	805753	58.391	ng		96
4) n-Nitrosodimethylamine	3.32	42	280229	53.204	ng		84
6) Aniline	6.52	93	1044800	67.161	ng		99
8) 2-Chlorophenol	6.65	128	617276	63.537	ng		97
10) Phenol	6.50	94	821824	64.350	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	659924	68.533	ng		99
12) 1,3-Dichlorobenzene	6.80	146	702746	69.874	ng		98
13) 1,4-Dichlorobenzene	6.87	146	698633	72.093	ng		99
14) 1,2-Dichlorobenzene	7.03	146	630961	73.643	ng		95
15) Benzyl Alcohol	7.00	79	615147	79.661	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	761760	81.342	ng		98
17) 2-Methylphenol	7.10	107	557828	82.182	ng		97
18) Hexachloroethane	7.37	117	276985	80.620	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	496826	82.715	ng		92
20) 3+4-Methylphenols	7.26	107	612520	71.710	ng	#	88
22) Acetophenone	7.27	105	905148	61.935	ng		96
24) Nitrobenzene	7.44	77	718828	72.974	ng		97
25) Isophorone	7.68	82	1398733	78.545	ng		100
26) 2-Nitrophenol	7.75	139	288183	65.822	ng		96
27) 2,4-Dimethylphenol	7.79	122	516384	74.432	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	839277	76.253	ng		100
29) 2,4-Dichlorophenol	7.99	162	509295	69.498	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	530588	62.907	ng		97
31) Naphthalene	8.16	128	1788239	68.099	ng		98
32) Benzoic acid	7.95	122	355375	63.525	ng		99
33) 4-Chloroaniline	8.20	127	817217	73.389	ng		99
34) Hexachlorobutadiene	8.28	225	290187	60.063	ng		99
35) Caprolactam	8.60	113	186014m	80.120	ng		
36) 4-Chloro-3-methylphenol	8.69	107	580849	71.708	ng		99
37) 2-Methylnaphthalene	8.85	142	1175217	67.749	ng		98
38) 1-Methylnaphthalene	8.95	142	1116993	68.422	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	440214	50.240	ng		97
41) Hexachlorocyclopentadiene	9.01	237	274132	53.377	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	324932	54.998	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	334613	55.750	ng	#	91
46) 1,1'-Biphenyl	9.32	154	1384898	55.373	ng		98
47) 2-Chloronaphthalene	9.34	162	1122475	58.101	ng		98
48) 2-Nitroaniline	9.43	65	384070	64.860	ng		93
49) Acenaphthylene	9.76	152	1690279	64.355	ng		99
50) Dimethylphthalate	9.62	163	1295063	58.870	ng		98
51) 2,6-Dinitrotoluene	9.67	165	275753	60.940	ng		98
52) Acenaphthene	9.93	154	1050024	65.777	ng		99
53) 3-Nitroaniline	9.85	138	343122	69.591	ng	#	88
54) 2,4-Dinitrophenol	9.95	184	97151	51.495	ng		90
55) Dibenzofuran	10.10	168	1447970	59.886	ng		96
56) 4-Nitrophenol	10.00	139	246099	72.627	ng		91
57) 2,4-Dinitrotoluene	10.08	165	359931	64.356	ng		96
58) Fluorene	10.44	166	1087532m	55.766	ng		
59) 2,3,4,6-Tetrachlorophenol	10.21	232	245264	52.899	ng		94
60) Diethylphthalate	10.32	149	1292414	62.094	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	471772	49.001	ng		89
62) 4-Nitroaniline	10.46	138	348629	65.049	ng		95
63) Azobenzene	10.59	77	1373156	66.367	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	130226	58.514	ng		76
66) n-Nitrosodiphenylamine	10.55	169	1019660	74.398	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	295986	63.090	ng		94
68) Hexachlorobenzene	10.99	284	312285	60.439	ng		95
69) Atrazine	11.07	200	276069	66.206	ng		97
70) Pentachlorophenol	11.17	266	170830	56.494	ng		98
71) Phenanthrene	11.40	178	1615880	69.753	ng		99
72) Anthracene	11.45	178	1618861	68.433	ng		100
73) Carbazole	11.60	167	1566022	74.763	ng		99
74) Di-n-butylphthalate	11.93	149	1978334	71.865	ng		99
75) Fluoranthene	12.58	202	1598347	67.635	ng		95
77) Benzidine	12.69	184	647129	77.138	ng		96
78) Pyrene	12.81	202	1617302	67.360	ng		98
80) Butylbenzylphthalate	13.42	149	819594	84.492	ng		95
81) Benzo(a)anthracene	13.99	228	1129310	67.619	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	376346	68.482	ng		97
83) Chrysene	14.03	228	1184209	72.763	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	985199	79.330	ng		99
85) Di-n-octyl phthalate	14.59	149	1633575	87.169	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	947732	67.203	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	1049435m	75.991	ng		
89) Benzo(k)fluoranthene	15.07	252	843897	63.633	ng		98
90) Benzo(a)pyrene	15.40	252	868354	71.954	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	765737	60.494	ng	#	96
92) Benzo(g,h,i)perylene	17.34	276	796370	65.679	ng	#	92

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

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