Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116429.D
Acq On : 20 Aug 2019 12:38
Operator : HP/JU
Sample : PB122210BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:09 PM

Quant Time: Aug 20 15:33:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120404	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	495667	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	261980	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	448071	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	311401	20.00	ng		-0.01
87) Perylene-d12	15.42	264	268419	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	850074	118.19	ng		0.00
7) Phenol-d6	6.46	99	1015268	111.88	ng		0.00
23) Nitrobenzene-d5	7.37	82	666566	77.63	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	274221	107.96	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1155207	82.59	ng		-0.01
79) Terphenyl-d14	12.90	244	1272816	86.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	142813	39.305	ng		97
3) Pyridine	3.40	79	331543	32.665	ng		97
4) n-Nitrosodimethylamine	3.35	42	154892	38.670	ng		100
6) Aniline	6.47	93	380159	29.253	ng	#	55
8) 2-Chlorophenol	6.60	128	355410	44.687	ng		97
9) Benzaldehyde	6.36	77	118007	18.847	ng		98
10) Phenol	6.47	94	436840	40.880	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	348632	44.375	ng		97
12) 1,3-Dichlorobenzene	6.75	146	378313	41.159	ng		98
13) 1,4-Dichlorobenzene	6.82	146	391611	42.552	ng		98
14) 1,2-Dichlorobenzene	6.97	146	359110	42.377	ng		99
15) Benzyl Alcohol	6.96	79	282983	41.092	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	441963	41.242	ng		57
17) 2-Methylphenol	7.07	107	291330	43.260	ng	#	91
18) Hexachloroethane	7.31	117	141131	41.651	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	247623	44.036	ng		98
20) 3+4-Methylphenols	7.23	107	376409	47.232	ng	#	79
22) Acetophenone	7.22	105	492485	45.304	ng	#	92
24) Nitrobenzene	7.39	77	394353	42.532	ng		100
25) Isophorone	7.63	82	710433	43.267	ng		98
26) 2-Nitrophenol	7.71	139	194051	44.399	ng		95
27) 2,4-Dimethylphenol	7.75	122	312788	47.568	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	432745	42.521	ng		99
29) 2,4-Dichlorophenol	7.96	162	307055	44.226	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	330283	41.733	ng		99
31) Naphthalene	8.10	128	1023043	43.860	ng		99
32) Benzoic acid	7.92	122	161635	34.866	ng		97
33) 4-Chloroaniline	8.16	127	292654	28.081	ng		98
34) Hexachlorobutadiene	8.22	225	187935	41.227	ng		98
35) Caprolactam	8.54	113	92193m	41.057	ng		
36) 4-Chloro-3-methylphenol	8.66	107	315156	43.634	ng		99
37) 2-Methylnaphthalene	8.80	142	675474	43.972	ng		99
38) 1-Methylnaphthalene	8.90	142	623828	42.926	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	311193	44.432	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	142546	47.902	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	186255	38.636	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	191096	38.348	ng		97
46) 1,1'-Biphenyl	9.26	154	817338	44.191	ng		99
47) 2-Chloronaphthalene	9.29	162	646585	42.003	ng		99
48) 2-Nitroaniline	9.39	65	200222	39.350	ng		97
49) Acenaphthylene	9.70	152	942548	41.969	ng		99
50) Dimethylphthalate	9.56	163	741487	41.568	ng		100
51) 2,6-Dinitrotoluene	9.63	165	167531	43.217	ng		96
52) Acenaphthene	9.87	154	579238	42.041	ng		99
53) 3-Nitroaniline	9.80	138	133017	27.770	ng		99
54) 2,4-Dinitrophenol	9.93	184	114097	60.030	ng		98
55) Dibenzofuran	10.05	168	812769	40.564	ng		98
56) 4-Nitrophenol	9.99	139	157137	51.211	ng		93
57) 2,4-Dinitrotoluene	10.05	165	199079	38.572	ng	#	90
58) Fluorene	10.39	166	672451	43.622	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	169934	40.533	ng		98
60) Diethylphthalate	10.26	149	721460	43.321	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	339386	43.471	ng		99
62) 4-Nitroaniline	10.42	138	160866	32.498	ng		98
63) Azobenzene	10.53	77	742074	43.321	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	103034	43.392	ng		99
66) n-Nitrosodiphenylamine	10.50	169	601958	44.634	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	208117	43.389	ng		98
68) Hexachlorobenzene	10.94	284	228748	41.242	ng		98
69) Atrazine	11.02	200	181535	40.916	ng		99
70) Pentachlorophenol	11.15	266	147166	54.651	ng		100
71) Phenanthrene	11.35	178	981888	42.865	ng		100
72) Anthracene	11.40	178	1007524	43.461	ng		99
73) Carbazole	11.56	167	898733	42.732	ng		99
74) Di-n-butylphthalate	11.87	149	1134220	46.229	ng		99
75) Fluoranthene	12.54	202	1034314	43.131	ng		98
77) Benzidine	12.66	184	282689	26.870	ng		98
78) Pyrene	12.77	202	1039565	44.286	ng		99
80) Butylbenzylphthalate	13.37	149	475939	47.932	ng		96
81) Benzo(a)anthracene	13.96	228	852354	42.824	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	268919	38.890	ng		99
83) Chrysene	13.99	228	846793	43.822	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	666240	51.633	ng	#	97
85) Di-n-octyl phthalate	14.53	149	1069123	52.165	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	726045	44.736	ng		99
88) Benzo(b)fluoranthene	15.00	252	758564	48.876	ng		99
89) Benzo(k)fluoranthene	15.03	252	723032	47.829	ng		99
90) Benzo(a)pyrene	15.36	252	700875	50.517	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	619639	51.596	ng		98
92) Benzo(g,h,i)perylene	17.32	276	608576	51.599	ng		97

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

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