Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123868.D
Acq On : 7 May 2021 13:34
Operator : JU/CG
Sample : PB136202BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136202BS

Manual Integrations APPROVED
mohammad
5/10/2021 3:25:49 PM

Quant Time: May 07 15:03:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	206522	20.00	ng		0.00
21) Naphthalene-d8	8.063	136	807186	20.00	ng		0.00
39) Acenaphthene-d10	9.822	164	420686	20.00	ng		0.00
64) Phenanthrene-d10	11.304	188	801620	20.00	ng		0.00
76) Chrysene-d12	13.951	240	523244	20.00	ng		0.00
86) Perylene-d12	15.392	264	391982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	1442021	110.62	ng		0.01
7) Phenol-d6	6.428	99	1905548	106.11	ng		0.00
23) Nitrobenzene-d5	7.345	82	1329101	74.33	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	577297	110.23	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	2094179	72.49	ng		0.00
79) Terphenyl-d14	12.892	244	2301733	84.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	120771	17.20	ng		96
3) Pyridine	3.257	79	352934	20.56	ng		98
4) n-Nitrosodimethylamine	3.204	42	271977	28.77	ng	#	80
6) Aniline	6.439	93	645948	31.10	ng	#	3
8) 2-Chlorophenol	6.569	128	585710	41.77	ng		96
9) Benzaldehyde	6.322	77	138066	15.89	ng		97
10) Phenol	6.439	94	773724	40.11	ng	#	71
11) bis(2-Chloroethyl)ether	6.516	93	577247	40.99	ng		100
12) 1,3-Dichlorobenzene	6.722	146	565317m	39.90	ng		
13) 1,4-Dichlorobenzene	6.798	146	571429	39.86	ng		97
14) 1,2-Dichlorobenzene	6.951	146	542215	38.95	ng		99
15) Benzyl Alcohol	6.928	79	566695	40.26	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1189481	39.71	ng		96
17) 2-Methylphenol	7.045	107	512356	42.88	ng		94
18) Hexachloroethane	7.292	117	226356	39.89	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	445797	40.20	ng		97
20) 3+4-Methylphenols	7.198	107	636396	41.85	ng		90
22) Acetophenone	7.192	105	880302	40.12	ng	#	96
24) Nitrobenzene	7.363	77	694102	37.27	ng		98
25) Isophorone	7.604	82	1277742	38.11	ng		100
26) 2-Nitrophenol	7.680	139	302946	39.86	ng		99
27) 2,4-Dimethylphenol	7.722	122	529709	44.36	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	723095	42.32	ng		99
29) 2,4-Dichlorophenol	7.928	162	466335	39.63	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	478930	38.84	ng		97
31) Naphthalene	8.086	128	1610429	38.74	ng		100
32) Benzoic acid	7.863	122	310356	38.99	ng		92
33) 4-Chloroaniline	8.133	127	423203	24.40	ng		98
34) Hexachlorobutadiene	8.204	225	284298	37.83	ng		97
35) Caprolactam	8.510	113	177582m	42.98	ng		
36) 4-Chloro-3-methylphenol	8.633	107	614648	41.86	ng		93
37) 2-Methylnaphthalene	8.780	142	1076760	39.75	ng		98
38) 1-Methylnaphthalene	8.880	142	1004637	39.46	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	471808	38.11	ng		99
41) Hexachlorocyclopentadiene	8.933	237	413056	77.20	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	334535	39.23	ng		97

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44)	2,4,5-Trichlorophenol	9.110	196	363375	39.72	ng		94
46)	1,1'-Biphenyl	9.245	154	1317691	38.23	ng		99
47)	2-Chloronaphthalene	9.269	162	974905	37.52	ng		99
48)	2-Nitroaniline	9.369	65	461396	40.31	ng		98
49)	Acenaphthylene	9.686	152	1702776	40.59	ng		99
50)	Dimethylphthalate	9.551	163	1161648	39.20	ng		100
51)	2,6-Dinitrotoluene	9.610	165	267879	39.10	ng		92
52)	Acenaphthene	9.857	154	984225	38.51	ng		100
53)	3-Nitroaniline	9.780	138	230568	28.18	ng		96
54)	2,4-Dinitrophenol	9.892	184	298150	81.95	ng		89
55)	Dibenzofuran	10.027	168	1435574	37.14	ng		98
56)	4-Nitrophenol	9.963	139	443949	74.50	ng		98
57)	2,4-Dinitrotoluene	10.016	165	360603	38.61	ng	#	89
58)	Fluorene	10.369	166	1151740	38.77	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.151	232	296803	40.97	ng		97
60)	Diethylphthalate	10.251	149	1225064	38.84	ng		99
61)	4-Chlorophenyl-phenyle...	10.363	204	537843	38.85	ng		95
62)	4-Nitroaniline	10.398	138	310735	38.33	ng		96
63)	Azobenzene	10.521	77	1338986	36.93	ng		98
65)	4,6-Dinitro-2-methylph...	10.427	198	188853	38.02	ng	#	76
66)	n-Nitrosodiphenylamine	10.486	169	1031332	39.33	ng		99
67)	4-Bromophenyl-phenylether	10.851	248	338247	40.07	ng		98
68)	Hexachlorobenzene	10.921	284	392095	40.81	ng		94
69)	Atrazine	11.016	200	320641	40.45	ng		96
70)	Pentachlorophenol	11.116	266	393763	80.41	ng		98
71)	Phenanthrene	11.333	178	1672789	39.78	ng		100
72)	Anthracene	11.386	178	1690649	40.44	ng		100
73)	Carbazole	11.539	167	1650659	39.07	ng		98
74)	Di-n-butylphthalate	11.868	149	1887445	39.79	ng		100
75)	Fluoranthene	12.521	202	1814666	39.57	ng		98
77)	Benzidine	12.639	184	544350	40.17	ng		98
78)	Pyrene	12.751	202	1846765	45.47	ng		98
80)	Butylbenzylphthalate	13.368	149	759091	43.75	ng		97
81)	Benzo(a)anthracene	13.939	228	1301929	41.06	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	341968	35.12	ng	#	98
83)	Chrysene	13.974	228	1246194	39.07	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.927	149	894516	41.50	ng		100
85)	Di-n-octyl phthalate	14.539	149	1306415	37.90	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.827	276	1201426	52.63	ng		99
88)	Benzo(b)fluoranthene	14.974	252	1169054	44.26	ng		98
89)	Benzo(k)fluoranthene	15.004	252	929007	36.85	ng		100
90)	Benzo(a)pyrene	15.333	252	926008	40.99	ng		97
91)	Dibenzo(a,h)anthracene	16.839	278	975626	50.62	ng		99
92)	Benzo(g,h,i)perylene	17.256	276	1023654	53.03	ng		97

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

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