Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123871.D
Acq On : 7 May 2021 17:44
Operator : JU/CG
Sample : PB136245BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 18:23:31 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

Instrument :
BNA_F
ClientSampleId :
PB136245BSD

Manual Integrations APPROVED
mohammad
5/10/2021 3:25:56 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	167539	20.00	ng		0.00
21) Naphthalene-d8	8.063	136	713260	20.00	ng		0.00
39) Acenaphthene-d10	9.822	164	353487	20.00	ng		0.00
64) Phenanthrene-d10	11.304	188	684726	20.00	ng		0.00
76) Chrysene-d12	13.945	240	431362	20.00	ng		0.00
86) Perylene-d12	15.386	264	320564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	798246	75.48	ng		0.01
7) Phenol-d6	6.428	99	860354	59.06	ng		0.00
23) Nitrobenzene-d5	7.345	82	1132367	71.67	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	367837	83.59	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1732530	71.38	ng		0.00
79) Terphenyl-d14	12.892	244	1729751	77.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	146692	25.75	ng		95
3) Pyridine	3.310	79	413779	29.72	ng		97
4) n-Nitrosodimethylamine	3.269	42	304195	39.66	ng		81
6) Aniline	6.439	93	460111	27.31	ng	#	1
8) 2-Chlorophenol	6.569	128	438965	38.59	ng		97
9) Benzaldehyde	6.322	77	67219	9.53	ng		97
10) Phenol	6.439	94	564835	36.09	ng	#	70
11) bis(2-Chloroethyl)ether	6.516	93	459371	40.21	ng		97
12) 1,3-Dichlorobenzene	6.716	146	537204	46.74	ng		100
13) 1,4-Dichlorobenzene	6.792	146	551767	47.45	ng		98
14) 1,2-Dichlorobenzene	6.945	146	543853	48.16	ng		99
15) Benzyl Alcohol	6.928	79	533030	46.68	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1187963	48.89	ng		96
17) 2-Methylphenol	7.045	107	479697	49.48	ng		93
18) Hexachloroethane	7.292	117	247955	53.87	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	448169	49.82	ng		96
20) 3+4-Methylphenols	7.198	107	620683	50.32	ng	#	89
22) Acetophenone	7.192	105	879254	45.35	ng	#	96
24) Nitrobenzene	7.363	77	713305	43.34	ng		98
25) Isophorone	7.604	82	1239545	41.84	ng		99
26) 2-Nitrophenol	7.681	139	307772	45.82	ng		95
27) 2,4-Dimethylphenol	7.722	122	496714	47.08	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	714050	47.30	ng		99
29) 2,4-Dichlorophenol	7.928	162	452459	43.51	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	489054	44.88	ng		98
31) Naphthalene	8.086	128	1613084	43.92	ng		100
32) Benzoic acid	7.863	122	329930	45.81	ng		92
33) 4-Chloroaniline	8.133	127	390636	25.49	ng		98
34) Hexachlorobutadiene	8.204	225	301293	45.37	ng		98
35) Caprolactam	8.510	113	153449m	42.03	ng		
36) 4-Chloro-3-methylphenol	8.628	107	576957	44.47	ng		98
37) 2-Methylnaphthalene	8.775	142	1067557	44.60	ng		97
38) 1-Methylnaphthalene	8.875	142	995719	44.26	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	462686	44.48	ng		99
41) Hexachlorocyclopentadiene	8.933	237	441934	97.53	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	307018	42.85	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	336710	43.80	ng	97
46) 1,1'-Biphenyl	9.245	154	1249207	43.14	ng	99
47) 2-Chloronaphthalene	9.269	162	947654	43.40	ng	98
48) 2-Nitroaniline	9.369	65	423384	44.02	ng	98
49) Acenaphthylene	9.680	152	1538044	43.64	ng	99
50) Dimethylphthalate	9.551	163	1088299	43.71	ng	99
51) 2,6-Dinitrotoluene	9.610	165	247834	43.06	ng	92
52) Acenaphthene	9.857	154	927377	43.19	ng	100
53) 3-Nitroaniline	9.774	138	213208	31.01	ng	99
54) 2,4-Dinitrophenol	9.886	184	277117	90.65	ng	94
55) Dibenzofuran	10.027	168	1360549	41.89	ng	100
56) 4-Nitrophenol	9.957	139	377175	75.33	ng	95
57) 2,4-Dinitrotoluene	10.016	165	326594	41.62	ng	94
58) Fluorene	10.369	166	1092057	43.75	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	273081	44.86	ng	96
60) Diethylphthalate	10.245	149	1168787	44.10	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	499177	42.91	ng	97
62) 4-Nitroaniline	10.398	138	273747	40.18	ng	96
63) Azobenzene	10.522	77	1226685	40.27	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	182082	42.92	ng	98
66) n-Nitrosodiphenylamine	10.480	169	946136	42.24	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	317507	44.03	ng	98
68) Hexachlorobenzene	10.916	284	361729	44.07	ng	97
69) Atrazine	11.010	200	248427	36.69	ng	99
70) Pentachlorophenol	11.116	266	352858	84.36	ng	97
71) Phenanthrene	11.333	178	1532521	42.67	ng	100
72) Anthracene	11.380	178	1560433	43.70	ng	99
73) Carbazole	11.539	167	1466874	40.64	ng	98
74) Di-n-butylphthalate	11.868	149	1775709	43.82	ng	99
75) Fluoranthene	12.515	202	1615199	41.23	ng	99
77) Benzidine	12.639	184	394752	35.34	ng	98
78) Pyrene	12.745	202	1583870	47.30	ng	99
80) Butylbenzylphthalate	13.368	149	672501	47.01	ng	93
81) Benzo(a)anthracene	13.933	228	1109900	42.46	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	289349	36.04	ng	95
83) Chrysene	13.974	228	1080376	41.08	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	781614	43.98	ng	99
85) Di-n-octyl phthalate	14.539	149	1164767	40.99	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	1057102	56.62	ng	99
88) Benzo(b)fluoranthene	14.974	252	943553	43.68	ng	98
89) Benzo(k)fluoranthene	15.004	252	921161	44.68	ng	99
90) Benzo(a)pyrene	15.327	252	822162	44.51	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	878019	55.70	ng	99
92) Benzo(g,h,i)perylene	17.250	276	910170	57.65	ng	99

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

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