Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
Data File : BF132607.D
Acq On : 02 Mar 2023 14:38
Operator : CG\JU
Sample : PB151132BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 15:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151132BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	281837	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	1033725	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	558447	20.000	ng		0.00
64) Phenanthrene-d10	11.551	188	1057279	20.000	ng		0.00
76) Chrysene-d12	14.216	240	643110	20.000	ng		0.00
86) Perylene-d12	15.762	264	586831	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1566131	90.186	ng		0.00
7) Phenol-d6	6.640	99	2083876	91.948	ng		0.00
23) Nitrobenzene-d5	7.575	82	1366349	62.711	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	562539	93.275	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	2108548	57.492	ng		0.00
79) Terphenyl-d14	13.139	244	2451845	64.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.975	88	316321	32.930	ng		96
3) Pyridine	3.716	79	807390	31.665	ng		97
4) n-Nitrosodimethylamine	3.693	42	361584	37.543	ng		88
6) Aniline	6.669	93	1175711	38.548	ng		96
8) 2-Chlorophenol	6.792	128	745871	41.384	ng		98
9) Benzaldehyde	6.551	77	470460	38.470	ng		99
10) Phenol	6.651	94	1044899	40.214	ng		99
11) bis(2-Chloroethyl)ether	6.740	93	849915	42.372	ng		95
12) 1,3-Dichlorobenzene	6.945	146	793820	41.043	ng		99
13) 1,4-Dichlorobenzene	7.022	146	795519	41.192	ng		100
14) 1,2-Dichlorobenzene	7.175	146	730105	39.392	ng		99
15) Benzyl Alcohol	7.145	79	732011	41.939	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	1044595	40.838	ng		99
17) 2-Methylphenol	7.257	107	665634	39.572	ng		98
18) Hexachloroethane	7.516	117	322697	42.770	ng		97
19) n-Nitroso-di-n-propyla...	7.422	70	519490	37.245	ng		93
20) 3+4-Methylphenols	7.410	107	737436	33.934	ng	#	90
22) Acetophenone	7.416	105	999797	38.356	ng	#	90
24) Nitrobenzene	7.592	77	918817	39.431	ng		98
25) Isophorone	7.828	82	1735122	41.537	ng		100
26) 2-Nitrophenol	7.904	139	444666	43.250	ng		99
27) 2,4-Dimethylphenol	7.939	122	671189	41.363	ng		99
28) bis(2-Chloroethoxy)met...	8.034	93	989176	40.479	ng		99
29) 2,4-Dichlorophenol	8.151	162	658824	40.815	ng		99
30) 1,2,4-Trichlorobenzene	8.228	180	727079	41.482	ng		99
31) Naphthalene	8.316	128	2058211	38.893	ng		99
32) Benzoic acid	8.081	122	586139	46.011	ng		97
33) 4-Chloroaniline	8.357	127	470678	20.755	ng		94
34) Hexachlorobutadiene	8.422	225	456535	40.989	ng		100
35) Caprolactam	8.751	113	242250m	45.523	ng		
36) 4-Chloro-3-methylphenol	8.839	107	744132	41.977	ng		97
37) 2-Methylnaphthalene	9.004	142	1368514	37.946	ng		100
38) 1-Methylnaphthalene	9.104	142	1270783	37.704	ng		100
40) 1,2,4,5-Tetrachloroben...	9.175	216	721569	39.492	ng		99
41) Hexachlorocyclopentadiene	9.157	237	878853	88.683	ng		99
43) 2,4,6-Trichlorophenol	9.281	196	506653	40.918	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	540709	37.415	ng		97
46) 1,1'-Biphenyl	9.469	154	1629975	38.563	ng		99
47) 2-Chloronaphthalene	9.498	162	1340485	40.000	ng		99
48) 2-Nitroaniline	9.592	65	475954	38.562	ng		95
49) Acenaphthylene	9.916	152	2050192	38.440	ng		99
50) Dimethylphthalate	9.775	163	1610331	39.603	ng		99
51) 2,6-Dinitrotoluene	9.839	165	374403	40.431	ng	#	87
52) Acenaphthene	10.092	154	1471662m	43.454	ng		
53) 3-Nitroaniline	10.010	138	308758	29.806	ng		95
54) 2,4-Dinitrophenol	10.122	184	477262	81.745	ng		92
55) Dibenzofuran	10.263	168	1839061	37.248	ng		97
56) 4-Nitrophenol	10.175	139	608612	78.782	ng		97
57) 2,4-Dinitrotoluene	10.245	165	497909	40.416	ng		99
58) Fluorene	10.610	166	1417433	37.533	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.380	232	450430	41.958	ng		99
60) Diethylphthalate	10.475	149	1512821	38.094	ng		98
61) 4-Chlorophenyl-phenyle...	10.592	204	736490	37.592	ng		99
62) 4-Nitroaniline	10.633	138	419786	41.284	ng		97
63) Azobenzene	10.757	77	1589411	37.791	ng		100
65) 4,6-Dinitro-2-methylph...	10.657	198	308291	43.074	ng		97
66) n-Nitrosodiphenylamine	10.716	169	1287189	39.051	ng		99
67) 4-Bromophenyl-phenylether	11.086	248	483248	40.407	ng		100
68) Hexachlorobenzene	11.157	284	540566	42.956	ng		96
69) Atrazine	11.245	200	461077	44.807	ng		98
70) Pentachlorophenol	11.357	266	580034	77.471	ng		98
71) Phenanthrene	11.580	178	2113408	38.585	ng		99
72) Anthracene	11.627	178	2161242	38.318	ng		99
73) Carbazole	11.780	167	2001166	39.352	ng		99
74) Di-n-butylphthalate	12.098	149	2293495	38.448	ng		99
75) Fluoranthene	12.774	202	2332956	38.962	ng		99
77) Benzidine	12.892	184	1277692	81.615	ng		99
78) Pyrene	13.010	202	2416584	41.330	ng		100
80) Butylbenzylphthalate	13.616	149	955956	41.431	ng		97
81) Benzo(a)anthracene	14.204	228	1946657	40.455	ng		98
82) 3,3'-Dichlorobenzidine	14.157	252	419656	29.582	ng		98
83) Chrysene	14.239	228	1778402	39.523	ng		100
84) Bis(2-ethylhexyl)phtha...	14.168	149	1176102	41.493	ng		99
85) Di-n-octyl phthalate	14.798	149	1777907	42.924	ng		99
87) Indeno(1,2,3-cd)pyrene	17.380	276	1738595	45.215	ng		99
88) Benzo(b)fluoranthene	15.304	252	1656686	42.126	ng		99
89) Benzo(k)fluoranthene	15.333	252	1554163	40.380	ng		98
90) Benzo(a)pyrene	15.698	252	1440722	39.143	ng		99
91) Dibenzo(a,h)anthracene	17.392	278	1400713	44.709	ng		98
92) Benzo(g,h,i)perylene	17.868	276	1477451	41.940	ng		99

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

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