Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141500.D
Acq On : 07 Feb 2025 11:40
Operator : RC/JU
Sample : PB166563BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 07 12:15:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166563BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

02/10/2025
Supervised By :mohammad ahmed

02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85315	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	344212	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	189959	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	331853	20.000	ng	0.00
76) Chrysene-d12	13.957	240	236773	20.000	ng	0.00
86) Perylene-d12	15.410	264	187655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	755047	138.747	ng	0.01
7) Phenol-d6	6.434	99	943189	137.129	ng	0.00
23) Nitrobenzene-d5	7.357	82	621479	94.172	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	270817	141.921	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1167278	94.671	ng	0.00
79) Terphenyl-d14	12.904	244	1382316	98.558	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	91572	41.809	ng	99
3) Pyridine	3.316	79	210710	40.428	ng	100
4) n-Nitrosodimethylamine	3.263	42	150106	43.495	ng	100
6) Aniline	6.451	93	258819	40.115	ng	99
8) 2-Chlorophenol	6.575	128	263414	44.797	ng	98
9) Benzaldehyde	6.340	77	171599	46.949	ng	98
10) Phenol	6.445	94	313761	43.829	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	233775	43.477	ng	99
12) 1,3-Dichlorobenzene	6.728	146	270506	43.575	ng	99
13) 1,4-Dichlorobenzene	6.804	146	270379	42.629	ng	99
14) 1,2-Dichlorobenzene	6.957	146	261500	44.422	ng	100
15) Benzyl Alcohol	6.934	79	231204	43.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	405181	44.020	ng	86
17) 2-Methylphenol	7.051	107	206807	44.942	ng	98
18) Hexachloroethane	7.298	117	104189	44.386	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	183031	44.487	ng	98
20) 3+4-Methylphenols	7.204	107	267044	45.664	ng	98
22) Acetophenone	7.198	105	403531	47.128	ng	99
24) Nitrobenzene	7.375	77	276236	42.926	ng	99
25) Isophorone	7.610	82	489678	46.536	ng	99
26) 2-Nitrophenol	7.686	139	138662	43.310	ng	99
27) 2,4-Dimethylphenol	7.728	122	211487	56.544	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	299943	44.484	ng	99
29) 2,4-Dichlorophenol	7.934	162	222265	43.982	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	232379	42.227	ng	99
31) Naphthalene	8.092	128	754018	42.083	ng	100
32) Benzoic acid	7.863	122	180648	46.499	ng	99
33) 4-Chloroaniline	8.145	127	137331	21.953	ng	99
34) Hexachlorobutadiene	8.210	225	143503	43.436	ng	100
35) Caprolactam	8.516	113	76453m	49.688	ng	
36) 4-Chloro-3-methylphenol	8.633	107	248264	44.350	ng	99
37) 2-Methylnaphthalene	8.786	142	479084	41.089	ng	100
38) 1-Methylnaphthalene	8.886	142	473237	41.907	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	262467	47.758	ng	99
41) Hexachlorocyclopentadiene	8.939	237	294603	161.168	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	156703	44.117	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	170264	44.230	ng	99
46) 1,1'-Biphenyl	9.251	154	706435	47.968	ng	100
47) 2-Chloronaphthalene	9.275	162	478373	43.927	ng	99
48) 2-Nitroaniline	9.375	65	164567	45.028	ng	98
49) Acenaphthylene	9.692	152	748547	46.212	ng	99
50) Dimethylphthalate	9.551	163	566922	43.962	ng	99
51) 2,6-Dinitrotoluene	9.616	165	125364	44.469	ng	98
52) Acenaphthene	9.863	154	469667	43.129	ng	100
53) 3-Nitroaniline	9.786	138	80199	26.432	ng	97
54) 2,4-Dinitrophenol	9.898	184	155669	92.910	ng	97
55) Dibenzofuran	10.033	168	673714	42.149	ng	99
56) 4-Nitrophenol	9.963	139	218215	96.881	ng	98
57) 2,4-Dinitrotoluene	10.022	165	174235	46.426	ng	100
58) Fluorene	10.375	166	547554	44.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146033	44.063	ng	98
60) Diethylphthalate	10.257	149	546276	43.055	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	262008	44.066	ng	99
62) 4-Nitroaniline	10.404	138	131743	42.760	ng	99
63) Azobenzene	10.527	77	538440	42.688	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	101377	43.977	ng	94
66) n-Nitrosodiphenylamine	10.492	169	474876	44.703	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	161338	43.500	ng	96
68) Hexachlorobenzene	10.927	284	172960	45.288	ng	98
69) Atrazine	11.022	200	180504	56.639	ng	100
70) Pentachlorophenol	11.122	266	217358	89.007	ng	99
71) Phenanthrene	11.339	178	809177	44.297	ng	100
72) Anthracene	11.392	178	835821	45.517	ng	100
73) Carbazole	11.545	167	731942	44.299	ng	99
74) Di-n-butylphthalate	11.880	149	847093	44.401	ng	100
75) Fluoranthene	12.527	202	862600	44.541	ng	100
77) Benzidine	12.651	184	355480	68.075	ng	99
78) Pyrene	12.757	202	888081	44.061	ng	100
80) Butylbenzylphthalate	13.380	149	336054	48.136	ng	100
81) Benzo(a)anthracene	13.945	228	725207	46.077	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	148233	32.878	ng	100
83) Chrysene	13.986	228	620818	42.719	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419464	53.273	ng	100
85) Di-n-octyl phthalate	14.557	149	567546	50.526	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	538066	46.405	ng	99
88) Benzo(b)fluoranthene	14.992	252	528021	41.906	ng	99
89) Benzo(k)fluoranthene	15.021	252	514399	47.809	ng	98
90) Benzo(a)pyrene	15.351	252	486202	47.687	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	430723	45.845	ng	100
92) Benzo(g,h,i)perylene	17.286	276	417233	42.437	ng	99

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

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