Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141585.D
Acq On : 12 Feb 2025 13:02
Operator : RC/JU
Sample : PB166679BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 12 13:34:08 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 :
PB166679BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

02/13/2025
Supervised By :Jagrut Upadhyay

02/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	85089	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	336647	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185718	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	309258	20.000	ng	0.00
76) Chrysene-d12	13.957	240	213441	20.000	ng	0.00
86) Perylene-d12	15.409	264	193096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	746712	137.580	ng	0.01
7) Phenol-d6	6.434	99	925166	134.866	ng	0.00
23) Nitrobenzene-d5	7.351	82	612567	94.908	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	265670	142.403	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1176893	97.630	ng	0.00
79) Terphenyl-d14	12.898	244	1292682	102.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	89745	41.084	ng	99
3) Pyridine	3.304	79	211671	40.721	ng	97
4) n-Nitrosodimethylamine	3.245	42	143613	41.724	ng	97
6) Aniline	6.451	93	233856	36.342	ng	87
8) 2-Chlorophenol	6.575	128	262873	44.824	ng	99
9) Benzaldehyde	6.339	77	142671	39.138	ng	99
10) Phenol	6.445	94	308281	43.178	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	237475	44.282	ng	99
12) 1,3-Dichlorobenzene	6.728	146	273242	44.133	ng	98
13) 1,4-Dichlorobenzene	6.804	146	278234	43.984	ng	99
14) 1,2-Dichlorobenzene	6.957	146	265518	45.225	ng	99
15) Benzyl Alcohol	6.933	79	228044	43.350	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	399998	43.572	ng	85
17) 2-Methylphenol	7.051	107	204395	44.536	ng	99
18) Hexachloroethane	7.298	117	104372	44.582	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	182817	44.553	ng	98
20) 3+4-Methylphenols	7.204	107	261145	44.774	ng	97
22) Acetophenone	7.198	105	398597	47.598	ng	97
24) Nitrobenzene	7.375	77	273957	43.528	ng	99
25) Isophorone	7.610	82	495260	48.124	ng	99
26) 2-Nitrophenol	7.686	139	140801	44.966	ng	96
27) 2,4-Dimethylphenol	7.728	122	208798	57.080	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	301579	45.732	ng	100
29) 2,4-Dichlorophenol	7.933	162	221437	44.803	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	238762	44.361	ng	98
31) Naphthalene	8.092	128	759613	43.348	ng	100
32) Benzoic acid	7.863	122	162598	42.793	ng	98
33) 4-Chloroaniline	8.145	127	117097	19.139	ng	98
34) Hexachlorobutadiene	8.204	225	146424	45.317	ng	99
35) Caprolactam	8.516	113	77547m	51.532	ng	
36) 4-Chloro-3-methylphenol	8.633	107	240857	43.993	ng	100
37) 2-Methylnaphthalene	8.780	142	485319	42.560	ng	98
38) 1-Methylnaphthalene	8.880	142	471534	42.694	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	262549	48.864	ng	98
41) Hexachlorocyclopentadiene	8.933	237	273543	153.064	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	152647	43.957	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	164065	43.593	ng	97
46) 1,1'-Biphenyl	9.245	154	704206	48.909	ng	99
47) 2-Chloronaphthalene	9.275	162	480939	45.171	ng	99
48) 2-Nitroaniline	9.369	65	161851	45.296	ng	99
49) Acenaphthylene	9.686	152	743491	46.948	ng	99
50) Dimethylphthalate	9.551	163	573028	45.450	ng	100
51) 2,6-Dinitrotoluene	9.616	165	124523	45.180	ng	96
52) Acenaphthene	9.857	154	462859	43.475	ng	98
53) 3-Nitroaniline	9.780	138	70649	23.816	ng	99
54) 2,4-Dinitrophenol	9.898	184	146895	89.676	ng	92
55) Dibenzofuran	10.033	168	669409	42.836	ng	99
56) 4-Nitrophenol	9.963	139	188969	85.813	ng	96
57) 2,4-Dinitrotoluene	10.022	165	169900	46.305	ng	99
58) Fluorene	10.374	166	534505	44.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140112	43.242	ng	99
60) Diethylphthalate	10.251	149	552784	44.562	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	263103	45.261	ng	99
62) 4-Nitroaniline	10.398	138	130344	43.272	ng	98
63) Azobenzene	10.527	77	534664	43.356	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	97769	45.511	ng	97
66) n-Nitrosodiphenylamine	10.486	169	471623	47.640	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	165401	47.854	ng	100
68) Hexachlorobenzene	10.921	284	170327	47.857	ng	99
69) Atrazine	11.016	200	179813	60.545	ng	98
70) Pentachlorophenol	11.121	266	193527	85.038	ng	99
71) Phenanthrene	11.333	178	795536	46.732	ng	100
72) Anthracene	11.386	178	809237	47.289	ng	100
73) Carbazole	11.545	167	700951	45.523	ng	99
74) Di-n-butylphthalate	11.874	149	835497	46.993	ng	100
75) Fluoranthene	12.521	202	795900	44.099	ng	99
77) Benzidine	12.645	184	268595	57.059	ng	100
78) Pyrene	12.751	202	819424	45.099	ng	100
80) Butylbenzylphthalate	13.368	149	304574	48.396	ng	99
81) Benzo(a)anthracene	13.945	228	660315	46.540	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	126123	31.032	ng	99
83) Chrysene	13.980	228	594393	45.371	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	383886	54.084	ng	99
85) Di-n-octyl phthalate	14.557	149	610483	60.289	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	621659	52.104	ng	99
88) Benzo(b)fluoranthene	14.992	252	604961	46.659	ng	99
89) Benzo(k)fluoranthene	15.021	252	484145	43.730	ng	99
90) Benzo(a)pyrene	15.351	252	516397	49.222	ng	98
91) Dibenzo(a,h)anthracene	16.874	278	500233	51.743	ng	99
92) Benzo(g,h,i)perylene	17.292	276	481741	47.618	ng	100

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

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