Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142212.D
Acq On : 22 Apr 2025 15:13
Operator : RC/JU
Sample : PB167672BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167672BSD

Quant Time: Apr 22 15:45:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	442323	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	1715608	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	967073	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	1611136	20.000	ng		0.00
76) Chrysene-d12	14.033	240	909574	20.000	ng		0.00
86) Perylene-d12	15.509	264	1121405	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2134167	90.459	ng		0.02
7) Phenol-d6	6.498	99	2656943	89.925	ng		0.00
23) Nitrobenzene-d5	7.434	82	2553798	93.486	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	1200976	90.829	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	5232587	88.191	ng		0.00
79) Terphenyl-d14	12.974	244	5253181	96.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	358880	37.475	ng		97
3) Pyridine	3.469	79	953931	45.893	ng		99
4) n-Nitrosodimethylamine	3.422	42	410384	48.624	ng	#	97
6) Aniline	6.528	93	1108898	40.646	ng	#	88
8) 2-Chlorophenol	6.651	128	1319027	48.843	ng		98
9) Benzaldehyde	6.416	77	645187	39.773	ng		99
10) Phenol	6.510	94	1514821	48.608	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	1084036	46.127	ng		99
12) 1,3-Dichlorobenzene	6.810	146	1454111	47.516	ng		100
13) 1,4-Dichlorobenzene	6.887	146	1451561	46.248	ng		100
14) 1,2-Dichlorobenzene	7.034	146	1399109	47.917	ng		98
15) Benzyl Alcohol	7.010	79	1051306	48.800	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1088845	47.800	ng		92
17) 2-Methylphenol	7.122	107	1043285	51.330	ng		97
18) Hexachloroethane	7.381	117	534909	50.167	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	808846	48.411	ng		100
20) 3+4-Methylphenols	7.275	107	1276816	50.510	ng		91
22) Acetophenone	7.275	105	1728652	45.904	ng		96
24) Nitrobenzene	7.451	77	1282511	47.389	ng		100
25) Isophorone	7.686	82	2301056	50.181	ng		99
26) 2-Nitrophenol	7.763	139	726011	51.035	ng		95
27) 2,4-Dimethylphenol	7.804	122	1203141	65.045	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1428156	47.454	ng		99
29) 2,4-Dichlorophenol	8.010	162	1170779	46.539	ng		100
30) 1,2,4-Trichlorobenzene	8.086	180	1337110	45.451	ng		99
31) Naphthalene	8.169	128	3678051	45.384	ng		100
32) Benzoic acid	7.928	122	726069	43.260	ng		97
33) 4-Chloroaniline	8.216	127	364711	12.428	ng		99
34) Hexachlorobutadiene	8.286	225	895789	46.140	ng		99
35) Caprolactam	8.592	113	331943m	49.463	ng		
36) 4-Chloro-3-methylphenol	8.704	107	1190880	47.026	ng		99
37) 2-Methylnaphthalene	8.863	142	2350967	41.974	ng		99
38) 1-Methylnaphthalene	8.963	142	2432087	44.847	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1413806	44.681	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	1933489	199.269	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	897913	48.605	ng		99

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Quant Time: Apr 22 15:45:12 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	940526	47.498	ng	98
46) 1,1'-Biphenyl	9.328	154	3179172	45.845	ng	100
47) 2-Chloronaphthalene	9.351	162	2520398	46.824	ng	100
48) 2-Nitroaniline	9.451	65	632449	50.126	ng	97
49) Acenaphthylene	9.769	152	3766987	49.512	ng	100
50) Dimethylphthalate	9.628	163	2947852	47.542	ng	100
51) 2,6-Dinitrotoluene	9.692	165	656963	47.192	ng	98
52) Acenaphthene	9.939	154	2825820m	51.541	ng	
53) 3-Nitroaniline	9.857	138	280708	21.045	ng	91
54) 2,4-Dinitrophenol	9.969	184	798731	117.147	ng	97
55) Dibenzofuran	10.110	168	3428638	44.607	ng	98
56) 4-Nitrophenol	10.027	139	935141	95.841	ng	96
57) 2,4-Dinitrotoluene	10.098	165	910889	50.661	ng	95
58) Fluorene	10.457	166	2759497	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	843628	47.654	ng	99
60) Diethylphthalate	10.327	149	2750816	47.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1503086	45.912	ng	99
62) 4-Nitroaniline	10.475	138	574789	45.336	ng	94
63) Azobenzene	10.604	77	2340482	46.423	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	523681	55.684	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2408498	48.776	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1004102	47.389	ng	96
68) Hexachlorobenzene	11.004	284	1175895	46.635	ng	99
69) Atrazine	11.092	200	828105	68.721	ng	98
70) Pentachlorophenol	11.198	266	1240177	96.413	ng	99
71) Phenanthrene	11.422	178	3869590	48.366	ng	100
72) Anthracene	11.469	178	3983737	49.798	ng	100
73) Carbazole	11.621	167	3262787	46.685	ng	99
74) Di-n-butylphthalate	11.951	149	3600759	49.778	ng	100
75) Fluoranthene	12.604	202	3701689	44.510	ng	99
77) Benzidine	12.727	184	594934	50.686	ng	100
78) Pyrene	12.833	202	3608456	49.951	ng	100
80) Butylbenzylphthalate	13.451	149	1030935	58.960	ng	99
81) Benzo(a)anthracene	14.021	228	2686778	48.770	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	315378	19.224	ng	99
83) Chrysene	14.063	228	2566006	48.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1379037	58.953	ng	99
85) Di-n-octyl phthalate	14.621	149	2587646	62.457	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	3903112	49.608	ng	100
88) Benzo(b)fluoranthene	15.074	252	3111306	49.453	ng	100
89) Benzo(k)fluoranthene	15.104	252	2694376	43.360	ng	99
90) Benzo(a)pyrene	15.445	252	2907359	51.636	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3197610	49.821	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3152960	47.166	ng	100

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

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