Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142362.D
Acq On : 14 May 2025 13:20
Operator : RC/JU
Sample : PB167929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167929BS

Quant Time: May 14 13:47:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	203656	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	778380	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	407746	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	708681	20.000	ng		0.00
76) Chrysene-d12	14.068	240	391405	20.000	ng		0.00
86) Perylene-d12	15.562	264	383509	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1420190	119.043	ng		0.01
7) Phenol-d6	6.528	99	1714252	116.830	ng		0.00
23) Nitrobenzene-d5	7.469	82	1043424	81.754	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	541527	137.558	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2068085	72.320	ng		0.00
79) Terphenyl-d14	13.016	244	2090686	79.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	184831	34.404	ng		99
3) Pyridine	3.522	79	507467	40.233	ng		98
4) n-Nitrosodimethylamine	3.475	42	297375	40.565	ng		96
6) Aniline	6.569	93	613464	42.625	ng		99
8) 2-Chlorophenol	6.687	128	569883	44.702	ng		98
9) Benzaldehyde	6.451	77	339172	39.495	ng		100
10) Phenol	6.540	94	701527	45.104	ng		94
11) bis(2-Chloroethyl)ether	6.640	93	537820	35.064	ng		98
12) 1,3-Dichlorobenzene	6.845	146	595268	40.813	ng		98
13) 1,4-Dichlorobenzene	6.922	146	600522	41.008	ng		99
14) 1,2-Dichlorobenzene	7.075	146	583579	41.517	ng		99
15) Benzyl Alcohol	7.039	79	449090	47.266	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	890491	38.878	ng		100
17) 2-Methylphenol	7.151	107	447696	43.376	ng		99
18) Hexachloroethane	7.416	117	207084	42.501	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	367918	40.536	ng		98
20) 3+4-Methylphenols	7.304	107	543155	42.166	ng	#	89
22) Acetophenone	7.310	105	713732	41.240	ng		96
24) Nitrobenzene	7.487	77	551097	45.807	ng		98
25) Isophorone	7.722	82	1001574	41.441	ng		99
26) 2-Nitrophenol	7.798	139	287506	49.445	ng		99
27) 2,4-Dimethylphenol	7.834	122	531032	43.702	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	629063	40.478	ng		99
29) 2,4-Dichlorophenol	8.039	162	465146	45.025	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	490880	42.221	ng		99
31) Naphthalene	8.210	128	1578794	41.850	ng		100
32) Benzoic acid	7.951	122	350466m	52.348	ng		
33) 4-Chloroaniline	8.263	127	116463m	7.566	ng		
34) Hexachlorobutadiene	8.322	225	291618	42.359	ng		99
35) Caprolactam	8.616	113	152434m	50.629	ng		
36) 4-Chloro-3-methylphenol	8.733	107	471998	43.952	ng		98
37) 2-Methylnaphthalene	8.898	142	973363	41.523	ng		99
38) 1-Methylnaphthalene	8.998	142	1003689	41.080	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	483100	42.422	ng		99
41) Hexachlorocyclopentadiene	9.051	237	646541	91.864	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	339644	47.283	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	345187	45.164	ng		99
46) 1,1'-Biphenyl	9.363	154	1303157	41.683	ng		100
47) 2-Chloronaphthalene	9.386	162	977324	42.035	ng		99
48) 2-Nitroaniline	9.480	65	301399	50.575	ng		94
49) Acenaphthylene	9.804	152	1644726	42.287	ng		99
50) Dimethylphthalate	9.663	163	1128508	43.102	ng		99
51) 2,6-Dinitrotoluene	9.722	165	249553	50.920	ng		93
52) Acenaphthene	9.975	154	1101613	47.105	ng		99
53) 3-Nitroaniline	9.886	138	163980	28.529	ng		96
54) 2,4-Dinitrophenol	9.998	184	289748	109.846	ng	#	1
55) Dibenzofuran	10.151	168	1436108	41.609	ng		99
56) 4-Nitrophenol	10.045	139	474039	109.581	ng		99
57) 2,4-Dinitrotoluene	10.128	165	348288	55.403	ng		96
58) Fluorene	10.492	166	1097486	41.667	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305110	48.358	ng		99
60) Diethylphthalate	10.363	149	1090640	41.711	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	525687	41.368	ng		99
62) 4-Nitroaniline	10.510	138	272696	59.860	ng		98
63) Azobenzene	10.645	77	1031753	41.293	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	179471	53.380	ng		97
66) n-Nitrosodiphenylamine	10.598	169	986819	41.846	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	327446	40.769	ng		97
68) Hexachlorobenzene	11.039	284	378855	42.883	ng		96
69) Atrazine	11.127	200	296259	47.658	ng		99
70) Pentachlorophenol	11.233	266	479585	103.188	ng		99
71) Phenanthrene	11.457	178	1568241	42.217	ng		100
72) Anthracene	11.504	178	1610050	42.182	ng		100
73) Carbazole	11.657	167	1514545	44.228	ng		100
74) Di-n-butylphthalate	11.986	149	1580474	43.892	ng		100
75) Fluoranthene	12.645	202	1644211	44.279	ng		99
77) Benzidine	12.763	184	533876	75.057	ng		99
78) Pyrene	12.874	202	1639279	47.053	ng		99
80) Butylbenzylphthalate	13.486	149	446380	44.216	ng		99
81) Benzo(a)anthracene	14.057	228	1168608	46.103	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	172962	29.342	ng		99
83) Chrysene	14.098	228	1000876	42.415	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	461932	36.046	ng		100
85) Di-n-octyl phthalate	14.663	149	844224	37.428	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1257366	47.131	ng		99
88) Benzo(b)fluoranthene	15.121	252	1081551	46.563	ng		99
89) Benzo(k)fluoranthene	15.151	252	857760	40.354	ng		100
90) Benzo(a)pyrene	15.498	252	955566	45.909	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	1014217	46.017	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1036119	47.366	ng		98

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

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