Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142443.D
Acq On : 19 May 2025 11:07
Operator : RC/JU
Sample : PB168017BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168017BS

Quant Time: May 19 11:58:00 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	152910	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	582180	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	309352	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	529488	20.000	ng		0.00
76) Chrysene-d12	14.068	240	280552	20.000	ng		0.00
86) Perylene-d12	15.557	264	310677	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1059909	118.328	ng		0.02
7) Phenol-d6	6.528	99	1296365	117.670	ng		0.00
23) Nitrobenzene-d5	7.463	82	793752	83.151	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	421365	141.079	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1623844	74.847	ng		0.00
79) Terphenyl-d14	13.010	244	1496317	78.941	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	129259	32.045	ng		97
3) Pyridine	3.540	79	353034	37.278	ng		97
4) n-Nitrosodimethylamine	3.493	42	199674	36.277	ng		95
6) Aniline	6.563	93	481936	44.599	ng		98
8) 2-Chlorophenol	6.687	128	408481	42.675	ng		97
9) Benzaldehyde	6.451	77	235221	36.480	ng		99
10) Phenol	6.545	94	496275	42.496	ng		93
11) bis(2-Chloroethyl)ether	6.640	93	376108	32.659	ng		98
12) 1,3-Dichlorobenzene	6.845	146	432309	39.477	ng		98
13) 1,4-Dichlorobenzene	6.922	146	438518	39.883	ng		99
14) 1,2-Dichlorobenzene	7.075	146	424376	40.210	ng		99
15) Benzyl Alcohol	7.040	79	332978	46.676	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	613753	35.689	ng		98
17) 2-Methylphenol	7.151	107	319498	41.228	ng		99
18) Hexachloroethane	7.416	117	152014	41.553	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	266063	39.043	ng		96
20) 3+4-Methylphenols	7.304	107	391239	40.452	ng	#	90
22) Acetophenone	7.310	105	517048	39.943	ng		96
24) Nitrobenzene	7.487	77	397371	44.161	ng		96
25) Isophorone	7.722	82	727698	40.256	ng		100
26) 2-Nitrophenol	7.798	139	218629	50.203	ng		99
27) 2,4-Dimethylphenol	7.834	122	382880	42.128	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	453111	38.982	ng		100
29) 2,4-Dichlorophenol	8.039	162	341291	44.170	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	362891	41.732	ng		99
31) Naphthalene	8.210	128	1156707	40.995	ng		99
32) Benzoic acid	7.951	122	255683	51.363	ng		99
33) 4-Chloroaniline	8.251	127	190067m	16.508	ng		
34) Hexachlorobutadiene	8.322	225	221193	42.957	ng		99
35) Caprolactam	8.622	113	105100m	46.671	ng		
36) 4-Chloro-3-methylphenol	8.734	107	344601	42.903	ng		99
37) 2-Methylnaphthalene	8.898	142	713490	40.695	ng		98
38) 1-Methylnaphthalene	8.998	142	743095	40.664	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	361173	41.803	ng		99
41) Hexachlorocyclopentadiene	9.051	237	497074	93.091	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	251107	46.077	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	260483	44.922	ng		98
46)	1,1'-Biphenyl	9.363	154	974791	41.097	ng		99
47)	2-Chloronaphthalene	9.386	162	719820	40.807	ng		99
48)	2-Nitroaniline	9.481	65	218634	48.356	ng		93
49)	Acenaphthylene	9.804	152	1210762	41.031	ng		100
50)	Dimethylphthalate	9.663	163	831437	41.856	ng		100
51)	2,6-Dinitrotoluene	9.722	165	186265	50.095	ng		90
52)	Acenaphthene	9.975	154	820225	46.228	ng		99
53)	3-Nitroaniline	9.892	138	129619	29.724	ng		91
54)	2,4-Dinitrophenol	9.998	184	220391	110.107	ng	#	1
55)	Dibenzofuran	10.145	168	1061748	40.547	ng		99
56)	4-Nitrophenol	10.051	139	320793	97.742	ng		97
57)	2,4-Dinitrotoluene	10.128	165	251924	52.820	ng		94
58)	Fluorene	10.492	166	806873	40.377	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	223624	46.717	ng		98
60)	Diethylphthalate	10.363	149	805984	40.629	ng		100
61)	4-Chlorophenyl-phenyle...	10.480	204	393737	40.839	ng		98
62)	4-Nitroaniline	10.504	138	190965	55.252	ng		99
63)	Azobenzene	10.639	77	731672	38.597	ng		98
65)	4,6-Dinitro-2-methylph...	10.533	198	136625	54.253	ng		94
66)	n-Nitrosodiphenylamine	10.598	169	714867	40.573	ng		99
67)	4-Bromophenyl-phenylether	10.969	248	249947	41.652	ng		100
68)	Hexachlorobenzene	11.039	284	282994	42.873	ng		95
69)	Atrazine	11.127	200	213084	45.879	ng		99
70)	Pentachlorophenol	11.233	266	342643	98.673	ng		98
71)	Phenanthrene	11.451	178	1145863	41.286	ng		99
72)	Anthracene	11.504	178	1165588	40.872	ng		99
73)	Carbazole	11.657	167	1048242	40.971	ng		100
74)	Di-n-butylphthalate	11.986	149	1133741	42.141	ng		99
75)	Fluoranthene	12.639	202	1122434	40.457	ng		99
77)	Benzidine	12.763	184	387170	75.939	ng		98
78)	Pyrene	12.869	202	1100072	44.052	ng		99
80)	Butylbenzylphthalate	13.486	149	313200	43.360	ng		98
81)	Benzo(a)anthracene	14.057	228	773645	42.581	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	160108	37.894	ng		99
83)	Chrysene	14.092	228	705990	41.740	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.045	149	423356	44.908	ng		100
85)	Di-n-octyl phthalate	14.657	149	798349	46.876	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.068	276	948414	43.884	ng		98
88)	Benzo(b)fluoranthene	15.115	252	763845	40.595	ng		99
89)	Benzo(k)fluoranthene	15.151	252	705375	40.964	ng		99
90)	Benzo(a)pyrene	15.498	252	730625	43.331	ng		98
91)	Dibenzo(a,h)anthracene	17.086	278	766863	42.951	ng		98
92)	Benzo(g,h,i)perylene	17.527	276	759540	42.862	ng		96

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

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