Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142445.D
Acq On : 19 May 2025 12:05
Operator : RC/JU
Sample : PB167987BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Quant Time: May 19 13:00:08 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	141273	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	537403	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	293927	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	520931	20.000	ng	0.00
76) Chrysene-d12	14.069	240	267148	20.000	ng	0.00
86) Perylene-d12	15.563	264	292683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	993244	120.019	ng	0.02
7) Phenol-d6	6.528	99	1196777	117.579	ng	0.00
23) Nitrobenzene-d5	7.469	82	748856	84.984	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	401256	141.396	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1529900	74.217	ng	0.00
79) Terphenyl-d14	13.016	244	1454705	80.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	115562	31.009	ng	96
3) Pyridine	3.534	79	326165	37.277	ng	97
4) n-Nitrosodimethylamine	3.487	42	187605	36.892	ng	96
6) Aniline	6.563	93	408649	40.932	ng	97
8) 2-Chlorophenol	6.687	128	385040	43.539	ng	98
9) Benzaldehyde	6.451	77	217910	36.579	ng	99
10) Phenol	6.545	94	463027	42.915	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	352078	33.091	ng	99
12) 1,3-Dichlorobenzene	6.845	146	420974	41.609	ng	98
13) 1,4-Dichlorobenzene	6.922	146	422486	41.590	ng	99
14) 1,2-Dichlorobenzene	7.075	146	401063	41.132	ng	99
15) Benzyl Alcohol	7.040	79	303095	45.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	599692	37.743	ng	97
17) 2-Methylphenol	7.151	107	313661	43.809	ng	98
18) Hexachloroethane	7.416	117	146824	43.440	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	259259	41.178	ng	97
20) 3+4-Methylphenols	7.304	107	379699	42.493	ng	90
22) Acetophenone	7.310	105	506395	42.380	ng	95
24) Nitrobenzene	7.487	77	386358	46.514	ng	97
25) Isophorone	7.722	82	674425	40.418	ng	99
26) 2-Nitrophenol	7.798	139	207337	51.465	ng	99
27) 2,4-Dimethylphenol	7.834	122	369725	44.070	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	430796	40.150	ng	99
29) 2,4-Dichlorophenol	8.039	162	326752	45.812	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	360887	44.959	ng	99
31) Naphthalene	8.210	128	1141003	43.808	ng	99
32) Benzoic acid	7.951	122	242101	52.371	ng	99
33) 4-Chloroaniline	8.251	127	116508m	10.962	ng	
34) Hexachlorobutadiene	8.322	225	224762	47.287	ng	99
35) Caprolactam	8.622	113	103323m	49.705	ng	
36) 4-Chloro-3-methylphenol	8.734	107	340576	45.935	ng	99
37) 2-Methylnaphthalene	8.898	142	689011	42.573	ng	99
38) 1-Methylnaphthalene	8.998	142	714047	42.331	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	345048	42.032	ng	99
41) Hexachlorocyclopentadiene	9.051	237	474110	93.450	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	237077	45.785	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	245310	44.525	ng		99
46) 1,1'-Biphenyl	9.363	154	909839	40.372	ng		99
47) 2-Chloronaphthalene	9.386	162	700494	41.796	ng		99
48) 2-Nitroaniline	9.481	65	205959	47.943	ng		92
49) Acenaphthylene	9.804	152	1168126	41.664	ng		100
50) Dimethylphthalate	9.663	163	795395	42.143	ng		99
51) 2,6-Dinitrotoluene	9.722	165	181999	51.516	ng		93
52) Acenaphthene	9.975	154	768200	45.568	ng		99
53) 3-Nitroaniline	9.892	138	102396	24.713	ng		93
54) 2,4-Dinitrophenol	9.998	184	217075	113.861	ng	#	1
55) Dibenzofuran	10.151	168	1025435	41.216	ng		100
56) 4-Nitrophenol	10.051	139	312516	100.218	ng		96
57) 2,4-Dinitrotoluene	10.128	165	248584	54.855	ng		94
58) Fluorene	10.492	166	790954	41.657	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	213557	46.955	ng		98
60) Diethylphthalate	10.363	149	763904	40.529	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	381635	41.661	ng		98
62) 4-Nitroaniline	10.510	138	188512	57.405	ng		99
63) Azobenzene	10.645	77	691397	38.387	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	131234	53.139	ng		96
66) n-Nitrosodiphenylamine	10.604	169	697620	40.244	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	241048	40.829	ng		97
68) Hexachlorobenzene	11.039	284	270515	41.655	ng		96
69) Atrazine	11.128	200	212006	46.397	ng		100
70) Pentachlorophenol	11.233	266	343543	100.557	ng		98
71) Phenanthrene	11.457	178	1143757	41.887	ng		100
72) Anthracene	11.510	178	1166616	41.580	ng		99
73) Carbazole	11.657	167	1038886	41.272	ng		100
74) Di-n-butylphthalate	11.986	149	1127755	42.607	ng		100
75) Fluoranthene	12.645	202	1072447	39.290	ng		98
77) Benzidine	12.763	184	324707	66.883	ng		98
78) Pyrene	12.874	202	1042270	43.832	ng		99
80) Butylbenzylphthalate	13.486	149	306321	44.436	ng		99
81) Benzo(a)anthracene	14.057	228	782375	45.222	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	142856	35.507	ng		99
83) Chrysene	14.098	228	680676	42.263	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	410785	45.680	ng		99
85) Di-n-octyl phthalate	14.663	149	772141	47.489	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	956870	46.998	ng		98
88) Benzo(b)fluoranthene	15.121	252	756657	42.685	ng		99
89) Benzo(k)fluoranthene	15.151	252	652259	40.208	ng		100
90) Benzo(a)pyrene	15.498	252	704559	44.354	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	780084	46.377	ng		99
92) Benzo(g,h,i)perylene	17.533	276	758122	45.412	ng		97

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

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