Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
Data File : BF142313.D
Acq On : 12 May 2025 11:45
Operator : RC/JU
Sample : PB167936BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167936BS

Quant Time: May 12 12:22:33 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	228546	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	879424	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472310	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	813922	20.000	ng	0.00
76) Chrysene-d12	14.069	240	456231	20.000	ng	0.00
86) Perylene-d12	15.557	264	454802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1595728	119.190	ng	0.02
7) Phenol-d6	6.528	99	1940411	117.841	ng	0.00
23) Nitrobenzene-d5	7.469	82	1168091	81.006	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	620379	136.046	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2449042	73.935	ng	0.00
79) Terphenyl-d14	13.016	244	2474972	80.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	203840	33.810	ng	99
3) Pyridine	3.528	79	543724	38.413	ng	99
4) n-Nitrosodimethylamine	3.481	42	338280	41.120	ng	98
6) Aniline	6.569	93	774476	47.952	ng	100
8) 2-Chlorophenol	6.687	128	615322	43.009	ng	100
9) Benzaldehyde	6.451	77	220908	22.922	ng	99
10) Phenol	6.545	94	780321	44.706	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	600195	34.869	ng	99
12) 1,3-Dichlorobenzene	6.845	146	670197	40.947	ng	99
13) 1,4-Dichlorobenzene	6.922	146	671076	40.835	ng	100
14) 1,2-Dichlorobenzene	7.075	146	653513	41.429	ng	100
15) Benzyl Alcohol	7.045	79	494205	46.349	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1053058	40.969	ng	100
17) 2-Methylphenol	7.151	107	504801	43.582	ng	99
18) Hexachloroethane	7.422	117	224669	41.089	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	427032	41.925	ng	99
20) 3+4-Methylphenols	7.304	107	609928	42.193	ng	95
22) Acetophenone	7.316	105	817849	41.826	ng	100
24) Nitrobenzene	7.487	77	624046	45.911	ng	99
25) Isophorone	7.728	82	1190018	43.581	ng	99
26) 2-Nitrophenol	7.804	139	243923	38.148	ng	98
27) 2,4-Dimethylphenol	7.834	122	598313	43.581	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	746502	42.516	ng	99
29) 2,4-Dichlorophenol	8.039	162	531781	45.561	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	562313	42.808	ng	99
31) Naphthalene	8.210	128	1799844	42.228	ng	100
32) Benzoic acid	7.957	122	303727m	42.770	ng	
33) 4-Chloroaniline	8.263	127	288525m	16.590	ng	
34) Hexachlorobutadiene	8.328	225	336424	43.252	ng	100
35) Caprolactam	8.628	113	162741m	47.841	ng	
36) 4-Chloro-3-methylphenol	8.734	107	546571	45.048	ng	99
37) 2-Methylnaphthalene	8.898	142	1125420	42.494	ng	99
38) 1-Methylnaphthalene	8.998	142	1172233	42.466	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	547769	41.525	ng	99
41) Hexachlorocyclopentadiene	9.057	237	697613	85.571	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	373963	44.944	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	412598	46.605	ng		99
46) 1,1'-Biphenyl	9.363	154	1523641	42.073	ng		100
47) 2-Chloronaphthalene	9.392	162	1136806	42.211	ng		100
48) 2-Nitroaniline	9.481	65	331404	48.008	ng		96
49) Acenaphthylene	9.804	152	1932359	42.891	ng		100
50) Dimethylphthalate	9.669	163	1348331	44.458	ng		100
51) 2,6-Dinitrotoluene	9.728	165	293013	51.615	ng		92
52) Acenaphthene	9.981	154	1235707	45.616	ng		99
53) 3-Nitroaniline	9.892	138	227322	34.143	ng		98
54) 2,4-Dinitrophenol	9.998	184	245621	82.443	ng	#	1
55) Dibenzofuran	10.151	168	1709528	42.760	ng		99
56) 4-Nitrophenol	10.051	139	516208	103.017	ng		96
57) 2,4-Dinitrotoluene	10.128	165	397875	54.639	ng		99
58) Fluorene	10.492	166	1291474	42.329	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	344523	47.141	ng		100
60) Diethylphthalate	10.369	149	1361818	44.963	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	633883	43.063	ng		99
62) 4-Nitroaniline	10.510	138	317866	60.237	ng		99
63) Azobenzene	10.645	77	1279227	44.199	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	158803	42.775	ng		97
66) n-Nitrosodiphenylamine	10.604	169	1177489	43.475	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	410377	44.488	ng		98
68) Hexachlorobenzene	11.039	284	459790	45.314	ng		97
69) Atrazine	11.128	200	348680	48.839	ng		99
70) Pentachlorophenol	11.233	266	523228	98.022	ng		98
71) Phenanthrene	11.457	178	1839476	43.116	ng		99
72) Anthracene	11.510	178	1868781	42.630	ng		100
73) Carbazole	11.663	167	1713989	43.581	ng		100
74) Di-n-butylphthalate	11.992	149	1956675	47.313	ng		100
75) Fluoranthene	12.645	202	1884939	44.198	ng		99
77) Benzidine	12.763	184	781039	94.203	ng		99
78) Pyrene	12.874	202	1876785	46.216	ng		100
80) Butylbenzylphthalate	13.492	149	524077	44.510	ng		99
81) Benzo(a)anthracene	14.057	228	1373762	46.496	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	237216	34.525	ng		99
83) Chrysene	14.098	228	1203738	43.764	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	655144	42.940	ng		99
85) Di-n-octyl phthalate	14.668	149	1158395	42.671	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1494767	47.247	ng		100
88) Benzo(b)fluoranthene	15.121	252	1282700	46.567	ng		99
89) Benzo(k)fluoranthene	15.151	252	1077445	42.743	ng		99
90) Benzo(a)pyrene	15.498	252	1162408	47.092	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	1229296	47.032	ng		99
92) Benzo(g,h,i)perylene	17.527	276	1219847	47.023	ng		99

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

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