Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142386.D
Acq On : 15 May 2025 11:06
Operator : RC/JU
Sample : PB167951BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Quant Time: May 15 12:17:49 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	183759	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	709461	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	390383	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	683655	20.000	ng	0.00
76) Chrysene-d12	14.069	240	358537	20.000	ng	0.00
86) Perylene-d12	15.557	264	373046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1284437	119.321	ng	0.02
7) Phenol-d6	6.528	99	1553880	117.366	ng	0.00
23) Nitrobenzene-d5	7.469	82	948826	81.564	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	536451	142.330	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1960008	71.589	ng	0.00
79) Terphenyl-d14	13.016	244	1921973	79.343	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	154852	31.945	ng	98
3) Pyridine	3.534	79	419284	36.841	ng	99
4) n-Nitrosodimethylamine	3.487	42	256246	38.740	ng	99
6) Aniline	6.569	93	561568	43.244	ng	98
8) 2-Chlorophenol	6.687	128	512971	44.594	ng	98
9) Benzaldehyde	6.451	77	303883	39.217	ng	100
10) Phenol	6.545	94	624910	44.528	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	480788	34.740	ng	99
12) 1,3-Dichlorobenzene	6.845	146	534851	40.642	ng	98
13) 1,4-Dichlorobenzene	6.922	146	537927	40.711	ng	99
14) 1,2-Dichlorobenzene	7.075	146	523399	41.268	ng	99
15) Benzyl Alcohol	7.040	79	411059	47.948	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	801766	38.795	ng	99
17) 2-Methylphenol	7.151	107	400813	43.038	ng	99
18) Hexachloroethane	7.416	117	185824	42.268	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	337716	41.238	ng	99
20) 3+4-Methylphenols	7.304	107	497423	42.797	ng	92
22) Acetophenone	7.310	105	649406	41.168	ng	94
24) Nitrobenzene	7.487	77	492634	44.925	ng	97
25) Isophorone	7.722	82	924519	41.969	ng	100
26) 2-Nitrophenol	7.798	139	268958	50.641	ng	99
27) 2,4-Dimethylphenol	7.834	122	491276	44.357	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	581272	41.036	ng	100
29) 2,4-Dichlorophenol	8.040	162	438536	46.573	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	456485	43.077	ng	99
31) Naphthalene	8.210	128	1435630	41.752	ng	100
32) Benzoic acid	7.957	122	327035	53.296	ng	99
33) 4-Chloroaniline	8.257	127	122812m	8.753	ng	
34) Hexachlorobutadiene	8.322	225	273992	43.664	ng	99
35) Caprolactam	8.622	113	141106m	51.419	ng	
36) 4-Chloro-3-methylphenol	8.734	107	464569	47.463	ng	99
37) 2-Methylnaphthalene	8.898	142	901910	42.213	ng	99
38) 1-Methylnaphthalene	8.998	142	935769	42.021	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	451848	41.442	ng	99
41) Hexachlorocyclopentadiene	9.051	237	607941	90.221	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	327505	47.621	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	345379	47.199	ng		99
46) 1,1'-Biphenyl	9.363	154	1229160	41.065	ng		99
47) 2-Chloronaphthalene	9.386	162	916262	41.162	ng		100
48) 2-Nitroaniline	9.481	65	287593	50.405	ng		95
49) Acenaphthylene	9.804	152	1563555	41.988	ng		99
50) Dimethylphthalate	9.663	163	1114509	44.460	ng		100
51) 2,6-Dinitrotoluene	9.722	165	251258	53.548	ng		91
52) Acenaphthene	9.975	154	1053599	47.056	ng		99
53) 3-Nitroaniline	9.892	138	148171	26.925	ng		94
54) 2,4-Dinitrophenol	9.998	184	299083	117.829	ng	#	1
55) Dibenzofuran	10.151	168	1371115	41.493	ng		100
56) 4-Nitrophenol	10.051	139	464288	112.100	ng		97
57) 2,4-Dinitrotoluene	10.128	165	347454	57.728	ng		95
58) Fluorene	10.492	166	1051263	41.687	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305641	50.597	ng		97
60) Diethylphthalate	10.363	149	1107155	44.226	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	518059	42.581	ng		99
62) 4-Nitroaniline	10.510	138	255090	58.486	ng		99
63) Azobenzene	10.645	77	986822	41.252	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	182627	55.913	ng		98
66) n-Nitrosodiphenylamine	10.604	169	955633	42.007	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	337616	43.574	ng		96
68) Hexachlorobenzene	11.039	284	375531	44.062	ng		95
69) Atrazine	11.128	200	293766	48.987	ng		99
70) Pentachlorophenol	11.233	266	471856	105.241	ng		97
71) Phenanthrene	11.457	178	1503753	41.963	ng		100
72) Anthracene	11.504	178	1524726	41.409	ng		100
73) Carbazole	11.657	167	1390787	42.101	ng		100
74) Di-n-butylphthalate	11.986	149	1588510	45.730	ng		100
75) Fluoranthene	12.639	202	1487674	41.530	ng		100
77) Benzidine	12.763	184	473065	72.605	ng		97
78) Pyrene	12.869	202	1474683	46.209	ng		100
80) Butylbenzylphthalate	13.486	149	449443	48.238	ng		100
81) Benzo(a)anthracene	14.057	228	1014145	43.677	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	206951	38.327	ng		99
83) Chrysene	14.092	228	939233	43.452	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	581894	47.979	ng		100
85) Di-n-octyl phthalate	14.663	149	1080903	49.196	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1184117	45.630	ng		98
88) Benzo(b)fluoranthene	15.116	252	975513	43.176	ng		100
89) Benzo(k)fluoranthene	15.151	252	902489	43.649	ng		100
90) Benzo(a)pyrene	15.498	252	932498	46.057	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	974032	45.433	ng		98
92) Benzo(g,h,i)perylene	17.527	276	943811	44.356	ng		97

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

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