Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143822.D
Acq On : 29 Sep 2025 15:11
Operator : RC/JU
Sample : PB169890BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169890BS

Quant Time: Sep 29 15:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	174542	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	648417	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	329040	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	502052	20.000	ng		0.00
76) Chrysene-d12	14.057	240	448913	20.000	ng		0.00
86) Perylene-d12	15.533	264	653832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1228567	114.359	ng		0.01
7) Phenol-d6	6.510	99	1458544	117.502	ng		0.00
23) Nitrobenzene-d5	7.451	82	854459	80.662	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	463549	95.146	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1771047	83.993	ng		0.00
79) Terphenyl-d14	12.998	244	2191591	99.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	189260	36.806	ng		98
3) Pyridine	3.493	79	538809	38.819	ng		92
4) n-Nitrosodimethylamine	3.440	42	292654	42.049	ng		89
6) Aniline	6.546	93	661809	36.735	ng		99
8) 2-Chlorophenol	6.669	128	485114	44.109	ng		100
9) Benzaldehyde	6.434	77	311403	28.648	ng		99
10) Phenol	6.528	94	644310	44.657	ng		98
11) bis(2-Chloroethyl)ether	6.622	93	500153	44.223	ng		99
12) 1,3-Dichlorobenzene	6.828	146	551476	43.187	ng		99
13) 1,4-Dichlorobenzene	6.904	146	558911	43.859	ng		99
14) 1,2-Dichlorobenzene	7.057	146	537372	44.524	ng		100
15) Benzyl Alcohol	7.022	79	437574	48.787	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1084084	40.423	ng		96
17) 2-Methylphenol	7.134	107	389303	45.722	ng		99
18) Hexachloroethane	7.398	117	189995	42.395	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	356470	44.658	ng		93
20) 3+4-Methylphenols	7.287	107	449419	43.342	ng	#	82
22) Acetophenone	7.293	105	692365	48.615	ng		99
24) Nitrobenzene	7.469	77	504755	42.989	ng		98
25) Isophorone	7.704	82	992015	48.057	ng		99
26) 2-Nitrophenol	7.781	139	203673	42.576	ng		96
27) 2,4-Dimethylphenol	7.816	122	453437	49.146	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	609224	45.426	ng		99
29) 2,4-Dichlorophenol	8.022	162	405371	44.652	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	444353	47.164	ng		99
31) Naphthalene	8.193	128	1355080	43.655	ng		99
32) Benzoic acid	7.928	122	216139	48.554	ng		98
33) 4-Chloroaniline	8.234	127	291158	26.692	ng		99
34) Hexachlorobutadiene	8.310	225	317187	45.162	ng		99
35) Caprolactam	8.604	113	118049m	50.873	ng		
36) 4-Chloro-3-methylphenol	8.710	107	397412	46.675	ng		97
37) 2-Methylnaphthalene	8.881	142	828066	41.836	ng		99
38) 1-Methylnaphthalene	8.981	142	830520	43.838	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	478009	48.139	ng		100
41) Hexachlorocyclopentadiene	9.034	237	735819	116.922	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	297444	47.838	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	303357	46.644	ng		99
46) 1,1'-Biphenyl	9.345	154	1141438	47.923	ng		99
47) 2-Chloronaphthalene	9.369	162	843943	44.018	ng		100
48) 2-Nitroaniline	9.463	65	279167	48.177	ng		97
49) Acenaphthylene	9.787	152	1327888	50.311	ng		99
50) Dimethylphthalate	9.645	163	928375	46.291	ng		100
51) 2,6-Dinitrotoluene	9.704	165	174992	53.108	ng		96
52) Acenaphthene	9.963	154	795259	45.786	ng		99
53) 3-Nitroaniline	9.875	138	127213	31.851	ng		98
54) 2,4-Dinitrophenol	9.981	184	120192	83.021	ng	#	24
55) Dibenzofuran	10.134	168	1112566	45.298	ng		98
56) 4-Nitrophenol	10.028	139	281436	87.443	ng		96
57) 2,4-Dinitrotoluene	10.110	165	220523	45.266	ng		99
58) Fluorene	10.475	166	822711	45.057	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	291646	52.346	ng		97
60) Diethylphthalate	10.345	149	863485	45.995	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	424859	45.666	ng		96
62) 4-Nitroaniline	10.486	138	172068	45.819	ng		98
63) Azobenzene	10.628	77	905012	45.742	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	88875	48.298	ng		89
66) n-Nitrosodiphenylamine	10.586	169	781890	47.356	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	415860	48.606	ng		99
68) Hexachlorobenzene	11.022	284	567989	48.172	ng		99
69) Atrazine	11.110	200	237424	49.657	ng		99
70) Pentachlorophenol	11.216	266	562126	95.776	ng		99
71) Phenanthrene	11.439	178	1157271	44.899	ng		100
72) Anthracene	11.492	178	1178324	45.575	ng		100
73) Carbazole	11.645	167	1005163	44.466	ng		99
74) Di-n-butylphthalate	11.975	149	1187924	45.693	ng		99
75) Fluoranthene	12.628	202	1124711	43.385	ng		99
77) Benzidine	12.751	184	406306	37.143	ng		99
78) Pyrene	12.857	202	1134976	51.425	ng		99
80) Butylbenzylphthalate	13.475	149	406601	53.250	ng		99
81) Benzo(a)anthracene	14.045	228	1105594	45.844	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	337183	32.273	ng		99
83) Chrysene	14.086	228	1050643	48.146	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	536383	47.924	ng		99
85) Di-n-octyl phthalate	14.651	149	944808	46.537	ng		96
87) Indeno(1,2,3-cd)pyrene	17.039	276	2504130	50.478	ng		99
88) Benzo(b)fluoranthene	15.104	252	1564047	46.974	ng		100
89) Benzo(k)fluoranthene	15.133	252	1557193	46.550	ng		100
90) Benzo(a)pyrene	15.474	252	1552114	49.592	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	2041892	50.323	ng		100
92) Benzo(g,h,i)perylene	17.492	276	2067094	52.848	ng		100

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

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