Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144400.D
Acq On : 02 Dec 2025 13:47
Operator : RC/JU
Sample : PB170788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BS

Quant Time: Dec 02 14:11:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	51216	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	193088	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	100931	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	153120	20.000	ng		0.00
76) Chrysene-d12	14.045	240	113296	20.000	ng		0.00
86) Perylene-d12	15.527	264	148082	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	367741	112.361	ng		0.00
7) Phenol-d6	6.498	99	416037	112.188	ng		0.00
23) Nitrobenzene-d5	7.428	82	256486	76.718	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	136199	107.534	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	536756	78.544	ng		0.00
79) Terphenyl-d14	12.980	244	502268	70.418	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	55163	40.768	ng		99
3) Pyridine	3.440	79	132879	35.200	ng		97
4) n-Nitrosodimethylamine	3.381	42	79627	40.382	ng		92
6) Aniline	6.528	93	155031	29.342	ng	#	87
8) 2-Chlorophenol	6.651	128	132810	41.378	ng		99
9) Benzaldehyde	6.416	77	74384	35.521	ng		99
10) Phenol	6.516	94	177641	39.207	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	140616	42.592	ng		99
12) 1,3-Dichlorobenzene	6.804	146	166978	42.160	ng		96
13) 1,4-Dichlorobenzene	6.881	146	168861	42.557	ng		99
14) 1,2-Dichlorobenzene	7.034	146	159595	41.964	ng		97
15) Benzyl Alcohol	7.010	79	119976	40.858	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	258699	42.551	ng		87
17) 2-Methylphenol	7.122	107	105788	41.430	ng		97
18) Hexachloroethane	7.375	117	53973	40.943	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	95836	39.257	ng		98
20) 3+4-Methylphenols	7.275	107	124102	41.230	ng	#	90
22) Acetophenone	7.275	105	185704	44.833	ng		99
24) Nitrobenzene	7.445	77	148786	40.988	ng		97
25) Isophorone	7.686	82	258638	40.899	ng		98
26) 2-Nitrophenol	7.763	139	78604	43.744	ng		94
27) 2,4-Dimethylphenol	7.798	122	119456	44.354	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	164348	41.618	ng		97
29) 2,4-Dichlorophenol	8.010	162	125741	40.507	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	134106	42.072	ng		97
31) Naphthalene	8.169	128	375920	40.928	ng		99
32) Benzoic acid	7.928	122	85514	43.316	ng		91
33) 4-Chloroaniline	8.216	127	77731	23.204	ng		98
34) Hexachlorobutadiene	8.281	225	93332	38.852	ng		98
35) Caprolactam	8.586	113	34252	40.276	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	109105	39.219	ng		97
37) 2-Methylnaphthalene	8.857	142	230014	37.455	ng		99
38) 1-Methylnaphthalene	8.957	142	229573	38.744	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	153466	46.395	ng		99
41) Hexachlorocyclopentadiene	9.010	237	94334	74.926	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	90852	40.354	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	96164	39.631	ng	99
46) 1,1'-Biphenyl	9.322	154	332500	47.195	ng	100
47) 2-Chloronaphthalene	9.351	162	250353	41.658	ng	99
48) 2-Nitroaniline	9.451	65	72362	41.731	ng	93
49) Acenaphthylene	9.769	152	376291	45.947	ng	100
50) Dimethylphthalate	9.622	163	273282	40.871	ng	99
51) 2,6-Dinitrotoluene	9.692	165	59023	43.606	ng	93
52) Acenaphthene	9.939	154	205769	37.573	ng	98
53) 3-Nitroaniline	9.863	138	41985	28.375	ng	97
54) 2,4-Dinitrophenol	9.975	184	58386	71.433	ng	96
55) Dibenzofuran	10.110	168	316765	41.299	ng	99
56) 4-Nitrophenol	10.033	139	62336	58.240	ng	96
57) 2,4-Dinitrotoluene	10.098	165	74778	41.268	ng	99
58) Fluorene	10.457	166	242704	41.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	70098	40.832	ng	97
60) Diethylphthalate	10.322	149	240114	38.955	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	129013	38.838	ng	99
62) 4-Nitroaniline	10.474	138	50485	35.828	ng	94
63) Azobenzene	10.604	77	235874	41.117	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	41705	40.093	ng	96
66) n-Nitrosodiphenylamine	10.563	169	227331	46.161	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	82603	42.264	ng	98
68) Hexachlorobenzene	11.004	284	98295	42.699	ng	98
69) Atrazine	11.092	200	68071	43.463	ng	99
70) Pentachlorophenol	11.204	266	89009	77.646	ng	97
71) Phenanthrene	11.421	178	330515	43.354	ng	99
72) Anthracene	11.474	178	338999	43.731	ng	98
73) Carbazole	11.627	167	284749	43.198	ng	99
74) Di-n-butylphthalate	11.951	149	330204	41.438	ng	99
75) Fluoranthene	12.616	202	332127	42.174	ng	99
77) Benzidine	12.739	184	74650	22.275	ng	99
78) Pyrene	12.845	202	338288	37.032	ng	99
80) Butylbenzylphthalate	13.457	149	127808	40.368	ng	97
81) Benzo(a)anthracene	14.039	228	350689	44.661	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	96247	35.759	ng	97
83) Chrysene	14.074	228	307309	42.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	178241	41.125	ng	98
85) Di-n-octyl phthalate	14.627	149	336830	45.044	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	459390	43.217	ng	98
88) Benzo(b)fluoranthene	15.098	252	388511	46.148	ng	100
89) Benzo(k)fluoranthene	15.127	252	371860	47.191	ng	98
90) Benzo(a)pyrene	15.468	252	379539	48.868	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	379182	44.417	ng	100
92) Benzo(g,h,i)perylene	17.498	276	382162	45.332	ng	98

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

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