Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110325\
Data File : BF144165.D
Acq On : 03 Nov 2025 17:20
Operator : RC/JU
Sample : PB170372BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170372BS

Quant Time: Nov 04 10:11:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	80031	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	310690	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	183873	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	327646	20.000	ng		0.00
76) Chrysene-d12	14.057	240	168465	20.000	ng		0.00
86) Perylene-d12	15.545	264	188673	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	569782	112.638	ng		0.01
7) Phenol-d6	6.510	99	643735	115.229	ng		0.00
23) Nitrobenzene-d5	7.439	82	423561	74.691	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	280659	119.828	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	928037	71.025	ng		0.00
79) Terphenyl-d14	12.998	244	1056473	109.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	74727	34.186	ng		95
3) Pyridine	3.469	79	202137	34.541	ng		99
4) n-Nitrosodimethylamine	3.416	42	134757	37.475	ng		88
6) Aniline	6.540	93	261265	32.689	ng		99
8) 2-Chlorophenol	6.663	128	207635	41.680	ng		99
9) Benzaldehyde	6.428	77	105995	24.437	ng		95
10) Phenol	6.522	94	284047	41.213	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	208582	41.882	ng		99
12) 1,3-Dichlorobenzene	6.816	146	257523	41.907	ng		96
13) 1,4-Dichlorobenzene	6.892	146	257146	42.461	ng		98
14) 1,2-Dichlorobenzene	7.045	146	250929	42.822	ng		99
15) Benzyl Alcohol	7.016	79	202093	44.489	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	400541	42.792	ng		99
17) 2-Methylphenol	7.128	107	171202	44.684	ng		95
18) Hexachloroethane	7.386	117	85717	39.589	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	159861	44.251	ng		94
20) 3+4-Methylphenols	7.281	107	191574	42.296	ng	#	86
22) Acetophenone	7.287	105	308478	45.943	ng		93
24) Nitrobenzene	7.457	77	244347	40.732	ng		98
25) Isophorone	7.698	82	432826	43.656	ng		98
26) 2-Nitrophenol	7.775	139	122525	42.934	ng		94
27) 2,4-Dimethylphenol	7.810	122	202026	47.638	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	272131	44.014	ng		99
29) 2,4-Dichlorophenol	8.016	162	205772	41.723	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	221328	43.622	ng		98
31) Naphthalene	8.181	128	597554	40.750	ng		99
32) Benzoic acid	7.945	122	143223	53.242	ng	#	84
33) 4-Chloroaniline	8.228	127	119200	23.351	ng		96
34) Hexachlorobutadiene	8.292	225	159797	38.517	ng		97
35) Caprolactam	8.598	113	63540m	51.377	ng		
36) 4-Chloro-3-methylphenol	8.710	107	196638	45.181	ng		97
37) 2-Methylnaphthalene	8.875	142	376575	38.951	ng		96
38) 1-Methylnaphthalene	8.975	142	382400	41.749	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	259361	41.042	ng		99
41) Hexachlorocyclopentadiene	9.028	237	215005	110.156	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	167163	40.697	ng		97

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44) 2,4,5-Trichlorophenol	9.198	196	179194	41.568	ng	94
46) 1,1'-Biphenyl	9.339	154	562573	42.741	ng	99
47) 2-Chloronaphthalene	9.363	162	432094	39.184	ng	97
48) 2-Nitroaniline	9.463	65	135854	41.488	ng	97
49) Acenaphthylene	9.780	152	674681	45.376	ng	100
50) Dimethylphthalate	9.639	163	518737	43.040	ng	99
51) 2,6-Dinitrotoluene	9.704	165	111735	46.895	ng	90
52) Acenaphthene	9.951	154	371484	37.411	ng	99
53) 3-Nitroaniline	9.875	138	83409	31.486	ng	100
54) 2,4-Dinitrophenol	9.986	184	118425	91.895	ng	90
55) Dibenzofuran	10.128	168	553126	40.124	ng	97
56) 4-Nitrophenol	10.039	139	158307	88.249	ng	91
57) 2,4-Dinitrotoluene	10.110	165	145237	45.164	ng	95
58) Fluorene	10.469	166	447337	42.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142573	46.933	ng	98
60) Diethylphthalate	10.339	149	480555	42.398	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242259	41.012	ng	99
62) 4-Nitroaniline	10.492	138	112410	44.784	ng	92
63) Azobenzene	10.622	77	452890	42.216	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	90949	43.265	ng	99
66) n-Nitrosodiphenylamine	10.580	169	442027	42.225	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	170742	41.621	ng	97
68) Hexachlorobenzene	11.016	284	207192	41.182	ng	98
69) Atrazine	11.104	200	149030	43.384	ng	99
70) Pentachlorophenol	11.216	266	211079	88.139	ng	98
71) Phenanthrene	11.433	178	671024	41.228	ng	98
72) Anthracene	11.486	178	687842	40.910	ng	100
73) Carbazole	11.639	167	605895	42.338	ng	98
74) Di-n-butylphthalate	11.969	149	713065	40.640	ng	99
75) Fluoranthene	12.627	202	720954	40.093	ng	100
77) Benzidine	12.751	184	149552	28.524	ng	99
78) Pyrene	12.857	202	715351	59.064	ng	99
80) Butylbenzylphthalate	13.468	149	226332	49.396	ng	98
81) Benzo(a)anthracene	14.051	228	523715	46.001	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	110506	27.883	ng	99
83) Chrysene	14.086	228	459324	42.993	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	244449	39.079	ng	99
85) Di-n-octyl phthalate	14.645	149	350521	32.585	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	633692	48.921	ng	98
88) Benzo(b)fluoranthene	15.110	252	474868	44.520	ng	99
89) Benzo(k)fluoranthene	15.139	252	459115	46.653	ng	99
90) Benzo(a)pyrene	15.480	252	467816	48.888	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	512387	49.972	ng	99
92) Benzo(g,h,i)perylene	17.515	276	512846	49.748	ng	99

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

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