Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143162.D
Acq On : 18 Jul 2025 12:53
Operator : RC/JU
Sample : PB168904BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BS

Quant Time: Jul 18 13:12:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140840	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	541427	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282216	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	448321	20.000	ng		0.00
76) Chrysene-d12	14.121	240	250022	20.000	ng		0.00
86) Perylene-d12	15.621	264	283255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	708845	79.645	ng		0.00
7) Phenol-d6	6.581	99	905876	80.865	ng		0.00
23) Nitrobenzene-d5	7.522	82	869462	80.048	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	243592	83.552	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1536809	74.474	ng		0.00
79) Terphenyl-d14	13.063	244	1323160	78.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	150871	35.825	ng		99
3) Pyridine	3.657	79	415812	38.041	ng		98
4) n-Nitrosodimethylamine	3.599	42	239033	42.356	ng		98
6) Aniline	6.622	93	530673	33.990	ng		99
8) 2-Chlorophenol	6.745	128	398585	42.725	ng		99
9) Benzaldehyde	6.510	77	281039	33.457	ng		99
10) Phenol	6.598	94	516840m	42.351	ng		
11) bis(2-Chloroethyl)ether	6.692	93	396896	42.476	ng		99
12) 1,3-Dichlorobenzene	6.904	146	416857	41.133	ng		99
13) 1,4-Dichlorobenzene	6.981	146	425741	41.715	ng		99
14) 1,2-Dichlorobenzene	7.134	146	412108	42.455	ng		98
15) Benzyl Alcohol	7.098	79	369086	43.150	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	740579	42.725	ng		100
17) 2-Methylphenol	7.204	107	338040	43.095	ng		100
18) Hexachloroethane	7.481	117	152652	43.206	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	304739	42.401	ng		99
20) 3+4-Methylphenols	7.357	107	413621	43.461	ng	#	90
22) Acetophenone	7.363	105	554083	43.226	ng		97
24) Nitrobenzene	7.539	77	446004	44.043	ng		99
25) Isophorone	7.781	82	839829	43.799	ng		99
26) 2-Nitrophenol	7.857	139	203935	46.402	ng		100
27) 2,4-Dimethylphenol	7.886	122	395116	44.105	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	496181	43.160	ng		99
29) 2,4-Dichlorophenol	8.092	162	329682	43.638	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	348666	42.718	ng		99
31) Naphthalene	8.263	128	1144292	42.914	ng		100
32) Benzoic acid	7.992	122	219361	43.958	ng		98
33) 4-Chloroaniline	8.304	127	204368	18.770	ng		100
34) Hexachlorobutadiene	8.386	225	214101	42.941	ng		100
35) Caprolactam	8.669	113	107629m	47.144	ng		
36) 4-Chloro-3-methylphenol	8.781	107	362456	44.140	ng		100
37) 2-Methylnaphthalene	8.957	142	702863	43.318	ng		100
38) 1-Methylnaphthalene	9.057	142	721852	43.203	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	338541	41.550	ng		99
41) Hexachlorocyclopentadiene	9.116	237	457365	86.269	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	242153	42.942	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	257533	45.656	ng		99
46) 1,1'-Biphenyl	9.422	154	953537	43.306	ng		99
47) 2-Chloronaphthalene	9.445	162	694401	42.622	ng		100
48) 2-Nitroaniline	9.533	65	238471	46.675	ng		99
49) Acenaphthylene	9.863	152	1179238	43.191	ng		100
50) Dimethylphthalate	9.716	163	807076	43.873	ng		100
51) 2,6-Dinitrotoluene	9.775	165	176735	47.227	ng		99
52) Acenaphthene	10.033	154	744758	46.151	ng		98
53) 3-Nitroaniline	9.939	138	128632	29.387	ng		99
54) 2,4-Dinitrophenol	10.045	184	155071	90.478	ng	#	8
55) Dibenzofuran	10.204	168	1021602	42.640	ng		99
56) 4-Nitrophenol	10.092	139	291400	89.152	ng		99
57) 2,4-Dinitrotoluene	10.175	165	229467	48.875	ng		99
58) Fluorene	10.545	166	770170	42.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	210611	45.074	ng		99
60) Diethylphthalate	10.416	149	811853	44.651	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	388946	43.440	ng		99
62) 4-Nitroaniline	10.557	138	166177	44.297	ng		99
63) Azobenzene	10.698	77	836150	44.124	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	105178	45.118	ng		97
66) n-Nitrosodiphenylamine	10.651	169	690716	43.753	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	235457	44.070	ng		99
68) Hexachlorobenzene	11.098	284	249375	44.656	ng		99
69) Atrazine	11.175	200	206267	47.393	ng		100
70) Pentachlorophenol	11.286	266	299004	91.047	ng		98
71) Phenanthrene	11.510	178	1043022	43.816	ng		100
72) Anthracene	11.563	178	1063793	43.817	ng		100
73) Carbazole	11.710	167	930154	43.877	ng		100
74) Di-n-butylphthalate	12.039	149	1103396	46.000	ng		100
75) Fluoranthene	12.692	202	965500	44.189	ng		99
77) Benzidine	12.810	184	399079	41.430	ng		99
78) Pyrene	12.921	202	953662	44.693	ng		100
80) Butylbenzylphthalate	13.539	149	309177	47.318	ng		98
81) Benzo(a)anthracene	14.110	228	739873	44.201	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	140203	25.131	ng		99
83) Chrysene	14.145	228	678150	45.060	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	472409	47.767	ng		100
85) Di-n-octyl phthalate	14.710	149	833202	46.478	ng		100
87) Indeno(1,2,3-cd)pyrene	17.156	276	895590	44.839	ng		100
88) Benzo(b)fluoranthene	15.174	252	773715	44.712	ng		99
89) Benzo(k)fluoranthene	15.210	252	718119	46.506	ng		99
90) Benzo(a)pyrene	15.557	252	727999	45.662	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	731233	44.980	ng		99
92) Benzo(g,h,i)perylene	17.621	276	705378	44.855	ng		100

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

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