Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
Data File : BF142802.D
Acq On : 23 Jun 2025 12:42
Operator : RC/JU
Sample : PB168570BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168570BS

Quant Time: Jun 24 06:39:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	99001	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	377166	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	197913	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	334238	20.000	ng	0.00
76) Chrysene-d12	14.057	240	177602	20.000	ng	0.00
86) Perylene-d12	15.545	264	176257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	753879	126.782	ng	0.02
7) Phenol-d6	6.516	99	905570	129.082	ng	0.00
23) Nitrobenzene-d5	7.445	82	565224	82.200	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	279938	137.450	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1181659	78.434	ng	0.00
79) Terphenyl-d14	12.998	244	1114596	86.713	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	88575	37.242	ng	100
3) Pyridine	3.516	79	243431	40.827	ng	99
4) n-Nitrosodimethylamine	3.475	42	140277	45.496	ng	99
6) Aniline	6.545	93	370886	39.732	ng	95
8) 2-Chlorophenol	6.669	128	296026	46.151	ng	98
9) Benzaldehyde	6.434	77	178101	42.791	ng	99
10) Phenol	6.528	94	352020	45.141	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	255333	45.812	ng	99
12) 1,3-Dichlorobenzene	6.822	146	314745	43.875	ng	99
13) 1,4-Dichlorobenzene	6.898	146	322424	44.548	ng	99
14) 1,2-Dichlorobenzene	7.051	146	309594	45.098	ng	99
15) Benzyl Alcohol	7.022	79	231184	45.583	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	395227	44.137	ng	98
17) 2-Methylphenol	7.134	107	223209	45.919	ng	99
18) Hexachloroethane	7.392	117	113186	44.710	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	187491	45.951	ng	97
20) 3+4-Methylphenols	7.286	107	272250	44.921	ng	99
22) Acetophenone	7.292	105	378671	45.529	ng	98
24) Nitrobenzene	7.469	77	283625	45.572	ng	98
25) Isophorone	7.704	82	513161	46.522	ng	100
26) 2-Nitrophenol	7.781	139	162125	47.821	ng	98
27) 2,4-Dimethylphenol	7.816	122	271525	46.236	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	321875	45.899	ng	100
29) 2,4-Dichlorophenol	8.022	162	244137	45.850	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	265591	45.360	ng	99
31) Naphthalene	8.186	128	834966	45.227	ng	100
32) Benzoic acid	7.945	122	158045	52.802	ng	99
33) 4-Chloroaniline	8.233	127	248920	33.159	ng	100
34) Hexachlorobutadiene	8.304	225	162935	45.494	ng	99
35) Caprolactam	8.610	113	72841m	51.841	ng	
36) 4-Chloro-3-methylphenol	8.722	107	246203	46.524	ng	99
37) 2-Methylnaphthalene	8.880	142	514099	44.917	ng	99
38) 1-Methylnaphthalene	8.980	142	537571	45.371	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	261679	44.810	ng	98
41) Hexachlorocyclopentadiene	9.033	237	338444	102.127	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	176784	46.457	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	184846	46.145	ng	98
46) 1,1'-Biphenyl	9.345	154	706725	45.204	ng	100
47) 2-Chloronaphthalene	9.369	162	527670	44.976	ng	99
48) 2-Nitroaniline	9.469	65	155675	47.329	ng	97
49) Acenaphthylene	9.786	152	873271	45.215	ng	100
50) Dimethylphthalate	9.645	163	604877	47.215	ng	99
51) 2,6-Dinitrotoluene	9.710	165	136632	48.564	ng	97
52) Acenaphthene	9.957	154	519002	44.044	ng	100
53) 3-Nitroaniline	9.880	138	113275	36.569	ng	98
54) 2,4-Dinitrophenol	9.992	184	168270	119.448	ng	94
55) Dibenzofuran	10.133	168	757597	44.835	ng	100
56) 4-Nitrophenol	10.045	139	218070	102.833	ng	97
57) 2,4-Dinitrotoluene	10.116	165	185074	49.524	ng	97
58) Fluorene	10.474	166	593444	44.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155046	48.018	ng	97
60) Diethylphthalate	10.345	149	605131	48.175	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	285404	45.322	ng	98
62) 4-Nitroaniline	10.498	138	145343	51.304	ng	98
63) Azobenzene	10.627	77	522648	46.555	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	101264	50.089	ng	99
66) n-Nitrosodiphenylamine	10.586	169	521827	45.048	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	176520	46.404	ng	98
68) Hexachlorobenzene	11.022	284	194911	46.113	ng	99
69) Atrazine	11.110	200	158189	52.883	ng	99
70) Pentachlorophenol	11.222	266	215162	102.155	ng	99
71) Phenanthrene	11.439	178	828107	45.737	ng	99
72) Anthracene	11.492	178	850987	45.828	ng	99
73) Carbazole	11.645	167	764485	47.708	ng	100
74) Di-n-butylphthalate	11.969	149	859341	51.478	ng	100
75) Fluoranthene	12.627	202	819075	47.667	ng	99
77) Benzidine	12.751	184	449703	67.394	ng	100
78) Pyrene	12.857	202	817411	49.102	ng	99
80) Butylbenzylphthalate	13.474	149	256934	53.207	ng	96
81) Benzo(a)anthracene	14.045	228	585334	48.855	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	111157	28.603	ng	99
83) Chrysene	14.086	228	495057	46.306	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	308370	44.384	ng	100
85) Di-n-octyl phthalate	14.645	149	534647	40.810	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	610888	45.503	ng	99
88) Benzo(b)fluoranthene	15.109	252	541478	53.091	ng	99
89) Benzo(k)fluoranthene	15.139	252	437931	45.895	ng	99
90) Benzo(a)pyrene	15.486	252	476837	48.395	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	493811	45.269	ng	99
92) Benzo(g,h,i)perylene	17.515	276	490888	45.129	ng	99

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

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