Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025084.D
Acq On : 10 Jul 2025 15:30
Operator : CG/JU
Sample : PB168767BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Quant Time: Jul 10 16:04:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	420219	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1675734	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1078667	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2205227	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2320390	20.000	ng	0.01
86) Perylene-d12	24.483	264	2463988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3677464	155.060	ng	0.00
7) Phenol-d6	6.637	99	4566959	147.562	ng	0.00
23) Nitrobenzene-d5	8.572	82	2605524	103.406	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2048035	160.723	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6881510	98.831	ng	0.00
79) Terphenyl-d14	19.672	244	11065557	104.809	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	373761	40.528	ng	98
3) Pyridine	3.490	79	1028001	40.715	ng	98
4) n-Nitrosodimethylamine	3.402	42	499478	46.722	ng	100
6) Aniline	6.784	93	1597351	55.239	ng	100
8) 2-Chlorophenol	7.019	128	1356628	51.125	ng	99
9) Benzaldehyde	6.602	77	848079	52.469	ng	98
10) Phenol	6.661	94	1613057	51.294	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1164922	48.133	ng	99
12) 1,3-Dichlorobenzene	7.337	146	1456973	49.060	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1481917	49.286	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1425591	49.287	ng	99
15) Benzyl Alcohol	7.672	79	1035528	50.130	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1532122	48.687	ng	99
17) 2-Methylphenol	7.878	107	1110811	54.836	ng	99
18) Hexachloroethane	8.502	117	494199	50.453	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	853726	46.513	ng	99
20) 3+4-Methylphenols	8.202	107	1467393	51.717	ng	99
22) Acetophenone	8.243	105	1854219	46.788	ng	99
24) Nitrobenzene	8.613	77	1286544	50.128	ng	97
25) Isophorone	9.137	82	2421562	51.426	ng	99
26) 2-Nitrophenol	9.313	139	569593	45.890	ng	99
27) 2,4-Dimethylphenol	9.384	122	1279756	72.857	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1553510	48.588	ng	99
29) 2,4-Dichlorophenol	9.837	162	1289854	52.957	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1328347	49.248	ng	98
31) Naphthalene	10.237	128	4025792	46.656	ng	100
32) Benzoic acid	9.519	122	768871	44.356	ng	99
33) 4-Chloroaniline	10.343	127	1087831	33.782	ng	99
34) Hexachlorobutadiene	10.537	225	765704	49.469	ng	100
35) Caprolactam	11.113	113	411589m	49.396	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1332551	52.353	ng	100
37) 2-Methylnaphthalene	11.866	142	2607625	42.831	ng	100
38) 1-Methylnaphthalene	12.090	142	2756932	46.431	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1474649	47.568	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1685391	208.137	ng	98
43) 2,4,6-Trichlorophenol	12.490	196	1031791	54.966	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1173309	55.153	ng	99
46) 1,1'-Biphenyl	12.907	154	3743427	47.698	ng	100
47) 2-Chloronaphthalene	12.943	162	2861497	48.510	ng	100
48) 2-Nitroaniline	13.137	65	736535	50.801	ng	99
49) Acenaphthylene	13.796	152	4892015	54.185	ng	100
50) Dimethylphthalate	13.554	163	3705549	49.076	ng	99
51) 2,6-Dinitrotoluene	13.660	165	792263	53.800	ng	99
52) Acenaphthene	14.148	154	2803184	48.173	ng	100
53) 3-Nitroaniline	13.990	138	633192	40.122	ng	98
54) 2,4-Dinitrophenol	14.195	184	751646	102.794	ng	95
55) Dibenzofuran	14.495	168	4501415	46.874	ng	99
56) 4-Nitrophenol	14.319	139	1609549	110.515	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1144571	52.686	ng	99
58) Fluorene	15.166	166	3597418	48.431	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1015880	52.733	ng	99
60) Diethylphthalate	14.960	149	3755069	49.514	ng	100
61) 4-Chlorophenyl-phenyle...	15.172	204	1794033	48.804	ng	98
62) 4-Nitroaniline	15.178	138	916515	55.384	ng	100
63) Azobenzene	15.472	77	3241778	48.004	ng	98
65) 4,6-Dinitro-2-methylph...	15.243	198	498938	49.519	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3254196	51.563	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1162551	51.488	ng	97
68) Hexachlorobenzene	16.201	284	1407568	51.003	ng	99
69) Atrazine	16.384	200	1167691	63.141	ng	100
70) Pentachlorophenol	16.548	266	1931158	103.612	ng	100
71) Phenanthrene	16.948	178	5869673	49.813	ng	99
72) Anthracene	17.042	178	6009578	53.160	ng	100
73) Carbazole	17.319	167	5747053	51.995	ng	100
74) Di-n-butylphthalate	17.960	149	6527040	53.028	ng	99
75) Fluoranthene	19.060	202	6907625	50.151	ng	100
77) Benzidine	19.254	184	3889346	94.905	ng	99
78) Pyrene	19.436	202	7219325	50.232	ng	100
80) Butylbenzylphthalate	20.425	149	2798969	50.353	ng	97
81) Benzo(a)anthracene	21.330	228	7236650	51.463	ng	100
82) 3,3'-Dichlorobenzidine	21.260	252	1691514	39.959	ng	100
83) Chrysene	21.395	228	6674669	49.324	ng	100
84) Bis(2-ethylhexyl)phtha...	21.325	149	4130780	54.766	ng	100
85) Di-n-octyl phthalate	22.542	149	6737637	48.625	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	8567191m	54.579	ng	
88) Benzo(b)fluoranthene	23.495	252	7113206	49.598	ng	100
89) Benzo(k)fluoranthene	23.560	252	7458645	52.268	ng	100
90) Benzo(a)pyrene	24.330	252	6885544	56.410	ng	99
91) Dibenzo(a,h)anthracene	28.107	278	7033453	54.207	ng	99
92) Benzo(g,h,i)perylene	29.118	276	6876188	51.301	ng	99

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

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