Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025189.D
Acq On : 18 Jul 2025 12:27
Operator : CG/JU
Sample : PB168899BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168899BS

Quant Time: Jul 18 13:09:37 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	542709	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2173791	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1229079	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2534523	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2585000	20.000	ng	0.02
86) Perylene-d12	24.513	264	3067180	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4095286	133.704	ng	0.01
7) Phenol-d6	6.649	99	4416756	110.499	ng	0.02
23) Nitrobenzene-d5	8.578	82	2977601	91.097	ng	0.01
42) 2,4,6-Tribromophenol	15.631	330	2442258	168.205	ng	0.01
45) 2-Fluorobiphenyl	12.696	172	7983624	100.628	ng	0.00
79) Terphenyl-d14	19.689	244	12704521	108.015	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	437382	36.723	ng	98
3) Pyridine	3.490	79	1231346	37.762	ng	98
4) n-Nitrosodimethylamine	3.402	42	565860	40.985	ng	90
6) Aniline	6.784	93	1677828	44.927	ng	99
8) 2-Chlorophenol	7.019	128	1488895	43.446	ng	98
9) Benzaldehyde	6.602	77	839925	40.236	ng	95
10) Phenol	6.672	94	1679313	41.348	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1195349	38.243	ng	97
12) 1,3-Dichlorobenzene	7.331	146	1767022	46.071	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1770191	45.586	ng	99
14) 1,2-Dichlorobenzene	7.790	146	1755583	46.997	ng	100
15) Benzyl Alcohol	7.684	79	1305098	48.920	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1726837	42.489	ng	97
17) 2-Methylphenol	7.890	107	1329445	50.816	ng	99
18) Hexachloroethane	8.502	117	622183	49.183	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1026046	43.284	ng	96
20) 3+4-Methylphenols	8.213	107	1813503	49.489	ng	98
22) Acetophenone	8.249	105	2216481	43.114	ng	98
24) Nitrobenzene	8.613	77	1552330	46.626	ng	95
25) Isophorone	9.149	82	2950484	48.302	ng	98
26) 2-Nitrophenol	9.319	139	906308	55.540	ng	97
27) 2,4-Dimethylphenol	9.390	122	1551645	68.096	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1852178	44.657	ng	100
29) 2,4-Dichlorophenol	9.855	162	1631495	51.637	ng	98
30) 1,2,4-Trichlorobenzene	10.055	180	1660404	47.455	ng	99
31) Naphthalene	10.243	128	4895000	43.731	ng	100
32) Benzoic acid	9.549	122	1291398	55.602	ng	96
33) 4-Chloroaniline	10.355	127	1480553	35.444	ng	98
34) Hexachlorobutadiene	10.537	225	976537	48.635	ng	99
35) Caprolactam	11.137	113	540309	49.987	ng	93
36) 4-Chloro-3-methylphenol	11.502	107	1611826	48.816	ng	98
37) 2-Methylnaphthalene	11.860	142	3158278	39.990	ng	99
38) 1-Methylnaphthalene	12.096	142	3297801	42.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1831454	51.848	ng	99
41) Hexachlorocyclopentadiene	12.225	237	2268687	245.884	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1354562	63.330	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1494120	61.639	ng	97
46) 1,1'-Biphenyl	12.907	154	4525439	50.605	ng	99
47) 2-Chloronaphthalene	12.943	162	3518271	52.345	ng	99
48) 2-Nitroaniline	13.160	65	970971	58.341	ng	93
49) Acenaphthylene	13.807	152	5256910	51.101	ng	100
50) Dimethylphthalate	13.566	163	4562127	53.026	ng	100
51) 2,6-Dinitrotoluene	13.672	165	902822	53.805	ng	94
52) Acenaphthene	14.160	154	2982380	44.980	ng	99
53) 3-Nitroaniline	14.001	138	771629	42.910	ng	100
54) 2,4-Dinitrophenol	14.225	184	1213462	143.397	ng	92
55) Dibenzofuran	14.501	168	4844864	44.276	ng	98
56) 4-Nitrophenol	14.343	139	1823468	109.881	ng	97
57) 2,4-Dinitrotoluene	14.478	165	1339247	54.032	ng	90
58) Fluorene	15.166	166	3933849	46.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.743	232	1194074	54.397	ng	96
60) Diethylphthalate	14.972	149	4089806	47.329	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1934199	46.178	ng	99
62) 4-Nitroaniline	15.195	138	1051207	55.749	ng	99
63) Azobenzene	15.478	77	3274455	42.554	ng	96
65) 4,6-Dinitro-2-methylph...	15.266	198	778974	65.268	ng	97
66) n-Nitrosodiphenylamine	15.401	169	3474178	47.897	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	1475117	56.843	ng	97
68) Hexachlorobenzene	16.207	284	1601583	50.493	ng	96
69) Atrazine	16.401	200	1343740	63.220	ng	99
70) Pentachlorophenol	16.566	266	2282063	106.531	ng	100
71) Phenanthrene	16.960	178	6316451	46.640	ng	100
72) Anthracene	17.066	178	6533892	50.289	ng	100
73) Carbazole	17.342	167	6318022	49.734	ng	99
74) Di-n-butylphthalate	17.960	149	7244069	51.207	ng	99
75) Fluoranthene	19.066	202	7433319	46.956	ng	99
77) Benzidine	19.272	184	5494580	120.351	ng	98
78) Pyrene	19.442	202	8406284	52.503	ng	100
80) Butylbenzylphthalate	20.436	149	3403927	54.630	ng	97
81) Benzo(a)anthracene	21.342	228	7536169	48.107	ng	100
82) 3,3'-Dichlorobenzidine	21.272	252	2370336	50.263	ng	100
83) Chrysene	21.401	228	7093180	47.051	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	4699067	55.923	ng	99
85) Di-n-octyl phthalate	22.548	149	8181071	52.450	ng	97
87) Indeno(1,2,3-cd)pyrene	28.059	276	11673091	59.740	ng	99
88) Benzo(b)fluoranthene	23.530	252	8978069	50.290	ng	99
89) Benzo(k)fluoranthene	23.595	252	9065891	51.037	ng	99
90) Benzo(a)pyrene	24.366	252	7863529	51.753	ng	99
91) Dibenzo(a,h)anthracene	28.148	278	9522226	58.956	ng	98
92) Benzo(g,h,i)perylene	29.148	276	9482835	56.835	ng	100

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

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