Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024705.D
Acq On : 20 May 2025 13:14
Operator : RC/JU
Sample : PB168052BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168052BS

Quant Time: May 20 13:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	131255	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	515313	20.000	ng		-0.01
39) Acenaphthene-d10	14.286	164	320735	20.000	ng		-0.02
64) Phenanthrene-d10	17.080	188	641657	20.000	ng		-0.02
76) Chrysene-d12	21.510	240	731405	20.000	ng		-0.01
86) Perylene-d12	24.792	264	845958	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	991831	129.244	ng		0.00
7) Phenol-d6	6.863	99	1182734	120.758	ng		0.01
23) Nitrobenzene-d5	8.804	82	742014	72.755	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	761810	140.106	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	1856188	75.821	ng		0.00
79) Terphenyl-d14	19.798	244	3354339	78.639	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	117773	32.683	ng		98
3) Pyridine	3.622	79	293143	36.687	ng		96
4) n-Nitrosodimethylamine	3.534	42	151056	42.822	ng		95
6) Aniline	6.999	93	369311	29.206	ng		99
8) 2-Chlorophenol	7.234	128	384015	44.080	ng		100
9) Benzaldehyde	6.810	77	213414	33.661	ng		99
10) Phenol	6.887	94	434172	42.950	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	321375	38.690	ng		99
12) 1,3-Dichlorobenzene	7.546	146	422337	42.137	ng		99
13) 1,4-Dichlorobenzene	7.687	146	428668	42.524	ng		98
14) 1,2-Dichlorobenzene	8.004	146	411468	41.889	ng		99
15) Benzyl Alcohol	7.904	79	315569	42.399	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	381374	38.338	ng		98
17) 2-Methylphenol	8.116	107	304934	42.058	ng		98
18) Hexachloroethane	8.716	117	157181	40.689	ng		97
19) n-Nitroso-di-n-propyla...	8.457	70	249186	36.780	ng		96
20) 3+4-Methylphenols	8.445	107	406095	41.176	ng		95
22) Acetophenone	8.469	105	547352	42.522	ng	#	99
24) Nitrobenzene	8.845	77	384686	42.861	ng		97
25) Isophorone	9.369	82	697103	39.404	ng		99
26) 2-Nitrophenol	9.545	139	207867	47.264	ng		97
27) 2,4-Dimethylphenol	9.622	122	351044	45.272	ng		98
28) bis(2-Chloroethoxy)met...	9.840	93	423990	40.115	ng		98
29) 2,4-Dichlorophenol	10.098	162	348864	46.428	ng		96
30) 1,2,4-Trichlorobenzene	10.287	180	380200	44.901	ng		99
31) Naphthalene	10.469	128	1155472	43.270	ng		99
32) Benzoic acid	9.804	122	219724	41.839	ng		99
33) 4-Chloroaniline	10.598	127	253333	23.509	ng		98
34) Hexachlorobutadiene	10.757	225	247859	45.186	ng		98
35) Caprolactam	11.392	113	117156	43.094	ng		97
36) 4-Chloro-3-methylphenol	11.739	107	400392	43.695	ng		98
37) 2-Methylnaphthalene	12.081	142	735333	42.527	ng		100
38) 1-Methylnaphthalene	12.304	142	774790	41.878	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	429917	46.159	ng		99
41) Hexachlorocyclopentadiene	12.434	237	544630	96.436	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	291678	48.350	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	320947	47.795	ng		98
46) 1,1'-Biphenyl	13.104	154	1061178	44.764	ng		100
47) 2-Chloronaphthalene	13.145	162	817893	45.250	ng		98
48) 2-Nitroaniline	13.369	65	240596	44.960	ng		96
49) Acenaphthylene	14.004	152	1334163	44.107	ng		100
50) Dimethylphthalate	13.745	163	1057648	43.264	ng		100
51) 2,6-Dinitrotoluene	13.869	165	226756	43.920	ng		100
52) Acenaphthene	14.351	154	758717	43.631	ng		100
53) 3-Nitroaniline	14.210	138	155750	29.544	ng		99
54) 2,4-Dinitrophenol	14.422	184	290130	88.385	ng		97
55) Dibenzofuran	14.692	168	1213439	43.748	ng		99
56) 4-Nitrophenol	14.569	139	367513	80.496	ng		97
57) 2,4-Dinitrotoluene	14.669	165	344549	47.336	ng		98
58) Fluorene	15.351	166	1016249	44.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	293264	47.078	ng		98
60) Diethylphthalate	15.128	149	1091616	44.180	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	503728	44.661	ng		98
62) 4-Nitroaniline	15.386	138	224374	44.079	ng		98
63) Azobenzene	15.639	77	909240	43.016	ng		97
65) 4,6-Dinitro-2-methylph...	15.445	198	198459	47.883	ng		97
66) n-Nitrosodiphenylamine	15.569	169	892757	45.297	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	353232	46.718	ng		97
68) Hexachlorobenzene	16.374	284	447882	46.618	ng		97
69) Atrazine	16.545	200	339746	47.038	ng		99
70) Pentachlorophenol	16.733	266	565886	104.926	ng		99
71) Phenanthrene	17.122	178	1585195	44.440	ng		100
72) Anthracene	17.221	178	1649260	45.955	ng		100
73) Carbazole	17.504	167	1498786	46.141	ng		100
74) Di-n-butylphthalate	18.092	149	1905276	45.607	ng		99
75) Fluoranthene	19.210	202	1883292	45.167	ng		99
77) Benzidine	19.410	184	865814	43.463	ng		99
78) Pyrene	19.580	202	1980054	45.182	ng		99
80) Butylbenzylphthalate	20.533	149	896959	46.021	ng		96
81) Benzo(a)anthracene	21.492	228	2053455	44.712	ng		99
82) 3,3'-Dichlorobenzidine	21.415	252	592220	34.718	ng		100
83) Chrysene	21.557	228	1950677	44.806	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1318743	46.034	ng		99
85) Di-n-octyl phthalate	22.680	149	2259680	48.236	ng		99
87) Indeno(1,2,3-cd)pyrene	28.509	276	2808165	45.469	ng	#	92
88) Benzo(b)fluoranthene	23.756	252	2233491	46.126	ng		99
89) Benzo(k)fluoranthene	23.821	252	2270983	45.515	ng		100
90) Benzo(a)pyrene	24.639	252	2133961	45.887	ng		99
91) Dibenzo(a,h)anthracene	28.580	278	2300458	45.786	ng		99
92) Benzo(g,h,i)perylene	29.656	276	2241059	44.853	ng		98

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

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