Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024814.D
Acq On : 28 May 2025 14:04
Operator : RC/JU
Sample : PB168177BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168177BS

Quant Time: May 28 14:50:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	151468	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	594336	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	347029	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	665381	20.000	ng	0.01
76) Chrysene-d12	21.498	240	741701	20.000	ng	0.00
86) Perylene-d12	24.768	264	860771	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	1204796	136.045	ng	0.00
7) Phenol-d6	6.852	99	1404041	124.224	ng	0.00
23) Nitrobenzene-d5	8.799	82	871193	74.063	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	882243	149.961	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	2213688	83.572	ng	0.00
79) Terphenyl-d14	19.792	244	3575870	82.668	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	136439	32.810	ng	99
3) Pyridine	3.617	79	321023	34.815	ng	94
4) n-Nitrosodimethylamine	3.528	42	172647	42.411	ng	90
6) Aniline	6.993	93	339083	23.237	ng	99
8) 2-Chlorophenol	7.228	128	459423	45.699	ng	96
9) Benzaldehyde	6.811	77	233809	31.956	ng	98
10) Phenol	6.875	94	486353	41.691	ng	97
11) bis(2-Chloroethyl)ether	7.081	93	370249	38.625	ng	99
12) 1,3-Dichlorobenzene	7.540	146	501158	43.329	ng	98
13) 1,4-Dichlorobenzene	7.681	146	513164	44.113	ng	100
14) 1,2-Dichlorobenzene	7.993	146	490209	43.245	ng	99
15) Benzyl Alcohol	7.899	79	352300	41.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	433218	37.738	ng	99
17) 2-Methylphenol	8.105	107	349773	41.804	ng	99
18) Hexachloroethane	8.710	117	187795	42.126	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	273198	34.943	ng	96
20) 3+4-Methylphenols	8.428	107	468730	41.184	ng	98
22) Acetophenone	8.463	105	625749	42.149	ng	99
24) Nitrobenzene	8.840	77	426405	41.193	ng	94
25) Isophorone	9.357	82	773293	37.899	ng	97
26) 2-Nitrophenol	9.540	139	243348	47.975	ng	98
27) 2,4-Dimethylphenol	9.610	122	396725	44.361	ng	98
28) bis(2-Chloroethoxy)met...	9.834	93	484010	39.705	ng	99
29) 2,4-Dichlorophenol	10.087	162	403480	46.557	ng	96
30) 1,2,4-Trichlorobenzene	10.275	180	452402	46.324	ng	98
31) Naphthalene	10.463	128	1348930	43.798	ng	100
32) Benzoic acid	9.805	122	255084	42.065	ng	94
33) 4-Chloroaniline	10.593	127	206249	16.595	ng	98
34) Hexachlorobutadiene	10.746	225	301266	47.619	ng	98
35) Caprolactam	11.387	113	123140	39.273	ng	97
36) 4-Chloro-3-methylphenol	11.728	107	435582	41.215	ng	99
37) 2-Methylnaphthalene	12.075	142	840060	42.124	ng	98
38) 1-Methylnaphthalene	12.299	142	889905	41.705	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	501704	49.785	ng	99
41) Hexachlorocyclopentadiene	12.422	237	704526	115.297	ng	96
43) 2,4,6-Trichlorophenol	12.698	196	326482	50.019	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	358817	49.386	ng		96
46) 1,1'-Biphenyl	13.098	154	1200872	46.819	ng		99
47) 2-Chloronaphthalene	13.140	162	908842	46.472	ng		98
48) 2-Nitroaniline	13.357	65	245924	42.474	ng		95
49) Acenaphthylene	13.993	152	1458233	44.556	ng		99
50) Dimethylphthalate	13.740	163	1147804	43.394	ng		99
51) 2,6-Dinitrotoluene	13.863	165	251383	45.000	ng		98
52) Acenaphthene	14.340	154	843144	44.813	ng		100
53) 3-Nitroaniline	14.204	138	122090	21.404	ng		96
54) 2,4-Dinitrophenol	14.416	184	314470	88.530	ng		97
55) Dibenzofuran	14.681	168	1339198	44.624	ng		99
56) 4-Nitrophenol	14.551	139	365733	74.377	ng		99
57) 2,4-Dinitrotoluene	14.663	165	362259	45.998	ng		93
58) Fluorene	15.340	166	1110601	45.385	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	317104	47.048	ng		97
60) Diethylphthalate	15.116	149	1168675	43.715	ng		99
61) 4-Chlorophenyl-phenyle...	15.334	204	564051	46.220	ng		99
62) 4-Nitroaniline	15.387	138	245449m	44.566	ng		
63) Azobenzene	15.634	77	931599	40.734	ng		95
65) 4,6-Dinitro-2-methylph...	15.445	198	209116	48.655	ng		97
66) n-Nitrosodiphenylamine	15.557	169	954044	46.680	ng		99
67) 4-Bromophenyl-phenylether	16.245	248	387235	49.389	ng		98
68) Hexachlorobenzene	16.369	284	493585	49.543	ng		95
69) Atrazine	16.539	200	360006	48.065	ng		99
70) Pentachlorophenol	16.722	266	622306	111.274	ng		100
71) Phenanthrene	17.110	178	1672718	45.222	ng		99
72) Anthracene	17.204	178	1729582	46.475	ng		100
73) Carbazole	17.492	167	1555539	46.181	ng		100
74) Di-n-butylphthalate	18.081	149	1943279	44.859	ng		100
75) Fluoranthene	19.198	202	1976034	45.701	ng		98
77) Benzidine	19.404	184	732342m	36.253	ng		
78) Pyrene	19.575	202	2031688	45.716	ng		100
80) Butylbenzylphthalate	20.527	149	897024	45.385	ng		91
81) Benzo(a)anthracene	21.474	228	2126151	45.653	ng		99
82) 3,3'-Dichlorobenzidine	21.410	252	543039	31.393	ng		100
83) Chrysene	21.545	228	2041909	46.251	ng		100
84) Bis(2-ethylhexyl)phtha...	21.410	149	1329670	45.771	ng		100
85) Di-n-octyl phthalate	22.657	149	2299012	48.394	ng		99
87) Indeno(1,2,3-cd)pyrene	28.462	276	3036894	48.326	ng	#	87
88) Benzo(b)fluoranthene	23.733	252	2315387	46.995	ng		99
89) Benzo(k)fluoranthene	23.798	252	2366559	46.615	ng		99
90) Benzo(a)pyrene	24.604	252	2247698	47.501	ng		99
91) Dibenzo(a,h)anthracene	28.527	278	2494265	48.789	ng		99
92) Benzo(g,h,i)perylene	29.603	276	2410523	47.414	ng		99

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

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