Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025787.D
Acq On : 18 Sep 2025 18:46
Operator : CG/JU
Sample : PB169718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BS

Quant Time: Sep 18 19:15:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	175687	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	683598	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	444972	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	903856	20.000	ng	0.00
76) Chrysene-d12	21.625	240	880385	20.000	ng	-0.02
86) Perylene-d12	24.989	264	889184	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	981838	90.174	ng	0.00
7) Phenol-d6	6.943	99	1243667	85.933	ng	0.00
23) Nitrobenzene-d5	8.896	82	1210547	78.114	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	455892	82.141	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2609618	78.089	ng	0.00
79) Terphenyl-d14	19.895	244	4079526	83.361	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	162061	35.463	ng	99
3) Pyridine	3.708	79	449659	35.734	ng	99
4) n-Nitrosodimethylamine	3.614	42	248605	41.869	ng	99
6) Aniline	7.090	93	649758	32.706	ng	99
8) 2-Chlorophenol	7.331	128	528034	44.206	ng	99
9) Benzaldehyde	6.908	77	334019	38.506	ng	99
10) Phenol	6.972	94	666256	43.659	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	522477	42.615	ng	99
12) 1,3-Dichlorobenzene	7.643	146	573450	42.182	ng	98
13) 1,4-Dichlorobenzene	7.784	146	582042	42.031	ng	99
14) 1,2-Dichlorobenzene	8.102	146	560576	41.669	ng	100
15) Benzyl Alcohol	7.990	79	482617	40.356	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	861769	42.980	ng	99
17) 2-Methylphenol	8.196	107	444254	43.179	ng	100
18) Hexachloroethane	8.819	117	226706	42.860	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	406731	40.293	ng	97
20) 3+4-Methylphenols	8.519	107	599405	41.599	ng	98
22) Acetophenone	8.566	105	866319	47.422	ng	98
24) Nitrobenzene	8.937	77	610863	43.939	ng	99
25) Isophorone	9.461	82	1125780	41.330	ng	100
26) 2-Nitrophenol	9.643	139	275390	44.616	ng	94
27) 2,4-Dimethylphenol	9.702	122	478233	44.164	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	683263	43.394	ng	99
29) 2,4-Dichlorophenol	10.184	162	493434	45.702	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	523130	42.992	ng	99
31) Naphthalene	10.572	128	1569174	42.571	ng	99
32) Benzoic acid	9.890	122	383250	47.603	ng	98
33) 4-Chloroaniline	10.684	127	417609	27.182	ng	99
34) Hexachlorobutadiene	10.855	225	338295	43.188	ng	100
35) Caprolactam	11.478	113	168475	40.480	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	554902	43.109	ng	97
37) 2-Methylnaphthalene	12.184	142	1003915	42.405	ng	100
38) 1-Methylnaphthalene	12.402	142	1030842	40.832	ng	100
40) 1,2,4,5-Tetrachloroben...	12.549	216	646246	47.928	ng	99
41) Hexachlorocyclopentadiene	12.531	237	683562	93.080	ng	99
43) 2,4,6-Trichlorophenol	12.802	196	404085	45.586	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	451422	45.759	ng		98
46) 1,1'-Biphenyl	13.196	154	1569030	48.040	ng		99
47) 2-Chloronaphthalene	13.243	162	1109421	43.139	ng		99
48) 2-Nitroaniline	13.454	65	387837	45.241	ng		96
49) Acenaphthylene	14.101	152	1892529	44.414	ng		100
50) Dimethylphthalate	13.831	163	1466209	43.159	ng		99
51) 2,6-Dinitrotoluene	13.949	165	321516	44.670	ng		98
52) Acenaphthene	14.448	154	1036364	42.174	ng		100
53) 3-Nitroaniline	14.284	138	238507	31.512	ng		95
54) 2,4-Dinitrophenol	14.507	184	371699	79.463	ng		98
55) Dibenzofuran	14.784	168	1684376	42.057	ng		100
56) 4-Nitrophenol	14.619	139	503133	77.349	ng		97
57) 2,4-Dinitrotoluene	14.754	165	463292	45.230	ng		96
58) Fluorene	15.437	166	1352289	42.462	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	395127	44.462	ng		100
60) Diethylphthalate	15.213	149	1514516	43.950	ng		100
61) 4-Chlorophenyl-phenyle...	15.437	204	675630	42.095	ng		99
62) 4-Nitroaniline	15.466	138	342971	44.232	ng		99
63) Azobenzene	15.731	77	1488800	44.682	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	269957	44.911	ng		98
66) n-Nitrosodiphenylamine	15.654	169	1243888	44.970	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	429869	43.292	ng		96
68) Hexachlorobenzene	16.472	284	483750	43.686	ng		98
69) Atrazine	16.642	200	479766	45.376	ng		97
70) Pentachlorophenol	16.825	266	647041	88.535	ng		98
71) Phenanthrene	17.219	178	2240152	43.692	ng		100
72) Anthracene	17.319	178	2303731	44.284	ng		100
73) Carbazole	17.595	167	2166748	44.800	ng		99
74) Di-n-butylphthalate	18.184	149	2780871	46.854	ng		100
75) Fluoranthene	19.313	202	2682922	43.631	ng		99
77) Benzidine	19.501	184	1269252	50.050	ng		100
78) Pyrene	19.689	202	2739124	46.628	ng		99
80) Butylbenzylphthalate	20.625	149	1278084	49.621	ng		98
81) Benzo(a)anthracene	21.601	228	2691728	44.659	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	653626	31.363	ng		99
83) Chrysene	21.672	228	2519965	43.860	ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	1811796	48.079	ng		98
85) Di-n-octyl phthalate	22.807	149	3113326	46.446	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	3016277	46.646	ng	#	82
88) Benzo(b)fluoranthene	23.907	252	2497268	45.926	ng		99
89) Benzo(k)fluoranthene	23.983	252	2624889	47.307	ng		99
90) Benzo(a)pyrene	24.830	252	2421349	45.472	ng		100
91) Dibenzo(a,h)anthracene	28.889	278	2483752	46.938	ng		98
92) Benzo(g,h,i)perylene	30.006	276	2485050	47.753	ng		97

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

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