Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025863.D
Acq On : 25 Sep 2025 17:29
Operator : CG/JU
Sample : PB169834BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169834BSD

Quant Time: Sep 25 17:51:03 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	7.748	152	142667	20.000	ng		-0.01
21) Naphthalene-d8	10.513	136	542974	20.000	ng		-0.01
39) Acenaphthene-d10	14.372	164	355803	20.000	ng		0.00
64) Phenanthrene-d10	17.171	188	735228	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	761438	20.000	ng		-0.02
86) Perylene-d12	24.989	264	857126	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1188620	134.432	ng		0.00
7) Phenol-d6	6.949	99	1469811	125.065	ng		0.00
23) Nitrobenzene-d5	8.890	82	931648	75.687	ng		-0.01
42) 2,4,6-Tribromophenol	15.895	330	684747	154.294	ng		-0.01
45) 2-Fluorobiphenyl	12.978	172	2169581	81.191	ng		-0.01
79) Terphenyl-d14	19.901	244	3656115	86.380	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	133276	35.914	ng		96
3) Pyridine	3.702	79	372893	36.493	ng		91
4) n-Nitrosodimethylamine	3.607	42	177974	36.911	ng		84
6) Aniline	7.084	93	539673	33.452	ng		98
8) 2-Chlorophenol	7.325	128	456652	47.079	ng		97
9) Benzaldehyde	6.901	77	263489	37.405	ng		94
10) Phenol	6.972	94	558347	45.056	ng		97
11) bis(2-Chloroethyl)ether	7.178	93	414397	41.622	ng		95
12) 1,3-Dichlorobenzene	7.637	146	493821	44.732	ng		98
13) 1,4-Dichlorobenzene	7.784	146	500549	44.512	ng		99
14) 1,2-Dichlorobenzene	8.095	146	484745	44.372	ng		100
15) Benzyl Alcohol	7.990	79	417452	42.986	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.260	45	607110	37.288	ng		96
17) 2-Methylphenol	8.201	107	379604	45.435	ng		98
18) Hexachloroethane	8.807	117	186085	43.323	ng		99
19) n-Nitroso-di-n-propyla...	8.543	70	332195	40.526	ng		92
20) 3+4-Methylphenols	8.525	107	508370	43.447	ng		98
22) Acetophenone	8.560	105	729590	50.281	ng	#	97
24) Nitrobenzene	8.937	77	489537	44.332	ng		95
25) Isophorone	9.460	82	926517	42.823	ng		98
26) 2-Nitrophenol	9.642	139	247004	50.381	ng		92
27) 2,4-Dimethylphenol	9.713	122	415172	48.270	ng		99
28) bis(2-Chloroethoxy)met...	9.925	93	562924	45.011	ng		100
29) 2,4-Dichlorophenol	10.190	162	431546	50.322	ng		98
30) 1,2,4-Trichlorobenzene	10.378	180	466120	48.228	ng		98
31) Naphthalene	10.566	128	1318748	45.043	ng		99
32) Benzoic acid	9.901	122	344999	53.951	ng		96
33) 4-Chloroaniline	10.684	127	376318	30.838	ng		98
34) Hexachlorobutadiene	10.842	225	307957	49.497	ng		98
35) Caprolactam	11.484	113	145728	44.082	ng		87
36) 4-Chloro-3-methylphenol	11.825	107	478196	46.771	ng		96
37) 2-Methylnaphthalene	12.172	142	864236	45.959	ng		99
38) 1-Methylnaphthalene	12.401	142	892140	44.490	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	597843	55.449	ng		99
41) Hexachlorocyclopentadiene	12.519	237	577012	98.262	ng		98
43) 2,4,6-Trichlorophenol	12.795	196	365755	51.603	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	399890	50.694	ng	96
46) 1,1'-Biphenyl	13.189	154	1356144	51.927	ng	99
47) 2-Chloronaphthalene	13.231	162	968320	47.089	ng	98
48) 2-Nitroaniline	13.448	65	309182	45.104	ng	94
49) Acenaphthylene	14.095	152	1608420	47.207	ng	100
50) Dimethylphthalate	13.825	163	1253607	46.149	ng	100
51) 2,6-Dinitrotoluene	13.942	165	279678	48.596	ng	91
52) Acenaphthene	14.436	154	898212	45.713	ng	99
53) 3-Nitroaniline	14.283	138	221716	36.635	ng	98
54) 2,4-Dinitrophenol	14.507	184	349406	92.570	ng	91
55) Dibenzofuran	14.783	168	1475931	46.088	ng	98
56) 4-Nitrophenol	14.648	139	390329	75.179	ng	93
57) 2,4-Dinitrotoluene	14.754	165	408774	49.908	ng	87
58) Fluorene	15.436	166	1192973	46.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	362598	51.027	ng	95
60) Diethylphthalate	15.207	149	1268192	46.025	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	620164	48.323	ng	96
62) 4-Nitroaniline	15.472	138	295017	47.582	ng	94
63) Azobenzene	15.725	77	1166313	43.776	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	254086	51.965	ng	88
66) n-Nitrosodiphenylamine	15.648	169	1064438	47.309	ng	100
67) 4-Bromophenyl-phenylether	16.342	248	407774	50.485	ng	97
68) Hexachlorobenzene	16.460	284	467103	51.858	ng	91
69) Atrazine	16.636	200	426925	49.640	ng	97
70) Pentachlorophenol	16.824	266	598316	100.645	ng	99
71) Phenanthrene	17.219	178	1920631	46.051	ng	99
72) Anthracene	17.313	178	1995548	47.158	ng	100
73) Carbazole	17.595	167	1826389	46.424	ng	100
74) Di-n-butylphthalate	18.171	149	2291070	47.454	ng	99
75) Fluoranthene	19.307	202	2351391	47.010	ng	99
77) Benzidine	19.513	184	1329940	60.635	ng	99
78) Pyrene	19.683	202	2416383	47.560	ng	99
80) Butylbenzylphthalate	20.630	149	1079943	48.478	ng	96
81) Benzo(a)anthracene	21.607	228	2478565	47.547	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	742839	41.212	ng	99
83) Chrysene	21.677	228	2349100	47.273	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1566656	48.069	ng	99
85) Di-n-octyl phthalate	22.806	149	2794545	48.202	ng	96
87) Indeno(1,2,3-cd)pyrene	28.830	276	3029617m	48.605	ng	
88) Benzo(b)fluoranthene	23.924	252	2443093	46.610	ng	99
89) Benzo(k)fluoranthene	23.995	252	2555951	47.787	ng	99
90) Benzo(a)pyrene	24.830	252	2394361	46.646	ng	98
91) Dibenzo(a,h)anthracene	28.900	278	2475115	48.524	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2434194	48.526	ng	99

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

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