Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025811.D
Acq On : 22 Sep 2025 13:31
Operator : CG/JU
Sample : PB169751BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169751BS

Quant Time: Sep 22 14:08:22 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	227083	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	855638	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	515832	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	982506	20.000	ng		0.00
76) Chrysene-d12	21.624	240	846204	20.000	ng		-0.02
86) Perylene-d12	24.977	264	924160	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	1641887	116.665	ng		0.00
7) Phenol-d6	6.960	99	2021840	108.084	ng		0.01
23) Nitrobenzene-d5	8.896	82	1353220	69.763	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	704482	109.494	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2833159	73.132	ng		0.00
79) Terphenyl-d14	19.901	244	3841340	81.665	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	193955	32.836	ng		99
3) Pyridine	3.708	79	544613	33.485	ng		96
4) n-Nitrosodimethylamine	3.614	42	297145	38.718	ng		96
6) Aniline	7.090	93	699544	27.242	ng		98
8) 2-Chlorophenol	7.337	128	646729	41.889	ng		99
9) Benzaldehyde	6.908	77	173048	15.434	ng		97
10) Phenol	6.984	94	806096	40.867	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	640401	40.411	ng		96
12) 1,3-Dichlorobenzene	7.643	146	704328	40.083	ng		99
13) 1,4-Dichlorobenzene	7.784	146	716107	40.008	ng		99
14) 1,2-Dichlorobenzene	8.096	146	686156	39.460	ng		100
15) Benzyl Alcohol	7.996	79	575697	37.244	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1007141	38.862	ng		99
17) 2-Methylphenol	8.213	107	532402	40.035	ng		99
18) Hexachloroethane	8.819	117	275937	40.360	ng		99
19) n-Nitroso-di-n-propyla...	8.549	70	485790	37.233	ng		99
20) 3+4-Methylphenols	8.537	107	693921	37.259	ng		98
22) Acetophenone	8.566	105	947264	41.427	ng	#	99
24) Nitrobenzene	8.937	77	722471	41.518	ng		99
25) Isophorone	9.466	82	1312573	38.498	ng		99
26) 2-Nitrophenol	9.643	139	339954	44.002	ng		91
27) 2,4-Dimethylphenol	9.713	122	568496	41.943	ng		99
28) bis(2-Chloroethoxy)met...	9.925	93	819565	41.585	ng		100
29) 2,4-Dichlorophenol	10.196	162	572348	42.352	ng		99
30) 1,2,4-Trichlorobenzene	10.384	180	642762	42.203	ng		97
31) Naphthalene	10.566	128	1860389	40.324	ng		99
32) Benzoic acid	9.902	122	385203	38.226	ng		97
33) 4-Chloroaniline	10.684	127	440215	22.892	ng		99
34) Hexachlorobutadiene	10.849	225	411713	41.993	ng		100
35) Caprolactam	11.484	113	175277	33.646	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	620495	38.512	ng		96
37) 2-Methylnaphthalene	12.178	142	1166457	39.364	ng		99
38) 1-Methylnaphthalene	12.401	142	1209400	38.273	ng		100
40) 1,2,4,5-Tetrachloroben...	12.548	216	703611	45.014	ng		99
41) Hexachlorocyclopentadiene	12.525	237	704261	82.725	ng		98
43) 2,4,6-Trichlorophenol	12.801	196	457063	44.479	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	498727	43.609	ng		99
46) 1,1'-Biphenyl	13.195	154	1649547	43.567	ng		99
47) 2-Chloronaphthalene	13.237	162	1275999	42.800	ng		98
48) 2-Nitroaniline	13.448	65	413099	41.568	ng		99
49) Acenaphthylene	14.095	152	2054959	41.601	ng		100
50) Dimethylphthalate	13.831	163	1586950	40.296	ng		100
51) 2,6-Dinitrotoluene	13.942	165	344757	41.320	ng		98
52) Acenaphthene	14.442	154	1176625	41.305	ng		99
53) 3-Nitroaniline	14.278	138	273565	31.179	ng		94
54) 2,4-Dinitrophenol	14.501	184	420640	77.687	ng		97
55) Dibenzofuran	14.778	168	1898017	40.881	ng		99
56) 4-Nitrophenol	14.672	139	458531	61.767	ng		95
57) 2,4-Dinitrotoluene	14.748	165	497072	41.861	ng		94
58) Fluorene	15.437	166	1472687	39.890	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	426554	41.405	ng		98
60) Diethylphthalate	15.213	149	1607498	40.240	ng		99
61) 4-Chlorophenyl-phenyle...	15.425	204	761543	40.930	ng		98
62) 4-Nitroaniline	15.466	138	362845	40.367	ng		96
63) Azobenzene	15.725	77	1560760	40.407	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	289829	44.357	ng		96
66) n-Nitrosodiphenylamine	15.648	169	1330287	44.244	ng		100
67) 4-Bromophenyl-phenylether	16.342	248	480960	44.559	ng		99
68) Hexachlorobenzene	16.466	284	525199	43.633	ng		93
69) Atrazine	16.631	200	472104	41.077	ng		97
70) Pentachlorophenol	16.825	266	651481	82.007	ng		99
71) Phenanthrene	17.219	178	2321967	41.662	ng		99
72) Anthracene	17.313	178	2371018	41.929	ng		100
73) Carbazole	17.589	167	2161597	41.116	ng		99
74) Di-n-butylphthalate	18.178	149	2791674	43.270	ng		100
75) Fluoranthene	19.313	202	2587602	38.712	ng		100
77) Benzidine	19.507	184	897448	36.818	ng		99
78) Pyrene	19.689	202	2673282	47.346	ng		99
80) Butylbenzylphthalate	20.624	149	1181432	47.721	ng		99
81) Benzo(a)anthracene	21.601	228	2478490	42.783	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	784250	39.151	ng		99
83) Chrysene	21.677	228	2357492	42.689	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1716081	47.379	ng		99
85) Di-n-octyl phthalate	22.818	149	2895502	44.941	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3324095	49.461	ng	#	76
88) Benzo(b)fluoranthene	23.918	252	2536133	44.876	ng		99
89) Benzo(k)fluoranthene	23.989	252	2575014	44.652	ng		99
90) Benzo(a)pyrene	24.824	252	2516528	45.470	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	2737297	49.771	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2722122	50.329	ng		99

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

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