Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025935.D
Acq On : 06 Oct 2025 23:10
Operator : CG/JU
Sample : Q3289-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11966MS

Quant Time: Oct 07 02:10:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.737	152	161138	20.000	ng		-0.02
21) Naphthalene-d8	10.501	136	617249	20.000	ng		-0.02
39) Acenaphthene-d10	14.342	164	391056	20.000	ng		-0.04
64) Phenanthrene-d10	17.142	188	786547	20.000	ng		-0.04
76) Chrysene-d12	21.577	240	846364	20.000	ng		-0.06
86) Perylene-d12	24.918	264	950988	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	689266	69.019	ng		0.00
7) Phenol-d6	6.943	99	909235	68.498	ng		0.00
23) Nitrobenzene-d5	8.878	82	529430	37.835	ng		-0.02
42) 2,4,6-Tribromophenol	15.866	330	316137	64.813	ng		-0.04
45) 2-Fluorobiphenyl	12.954	172	1042058	35.481	ng		-0.04
79) Terphenyl-d14	19.854	244	1919534	40.801	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	152498	36.383	ng		96
3) Pyridine	3.702	79	425705	36.885	ng		94
4) n-Nitrosodimethylamine	3.608	42	204375	37.528	ng		92
6) Aniline	7.078	93	563080	30.902	ng		99
8) 2-Chlorophenol	7.319	128	489633	44.692	ng		99
9) Benzaldehyde	6.896	77	252658	31.756	ng		97
10) Phenol	6.966	94	609726	43.562	ng		98
11) bis(2-Chloroethyl)ether	7.166	93	475080	42.247	ng		95
12) 1,3-Dichlorobenzene	7.625	146	532946	42.742	ng		97
13) 1,4-Dichlorobenzene	7.766	146	542735	42.731	ng		99
14) 1,2-Dichlorobenzene	8.084	146	516108	41.828	ng		100
15) Benzyl Alcohol	7.978	79	452923	41.293	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.255	45	675634	36.740	ng		97
17) 2-Methylphenol	8.190	107	406520	43.079	ng		99
18) Hexachloroethane	8.796	117	202901	41.823	ng		98
19) n-Nitroso-di-n-propyla...	8.531	70	359388	38.818	ng		95
20) 3+4-Methylphenols	8.519	107	548979	41.540	ng		98
22) Acetophenone	8.549	105	792448	48.041	ng	#	99
24) Nitrobenzene	8.925	77	536275	42.720	ng		97
25) Isophorone	9.449	82	1005363	40.876	ng		99
26) 2-Nitrophenol	9.631	139	262254	47.054	ng		93
27) 2,4-Dimethylphenol	9.696	122	441669	45.171	ng		98
28) bis(2-Chloroethoxy)met...	9.913	93	604575	42.524	ng		99
29) 2,4-Dichlorophenol	10.184	162	453294	46.497	ng		98
30) 1,2,4-Trichlorobenzene	10.366	180	495995	45.144	ng		100
31) Naphthalene	10.549	128	1432115	43.029	ng		100
32) Benzoic acid	9.896	122	353486	48.626	ng		97
33) 4-Chloroaniline	10.672	127	394719	28.454	ng		97
34) Hexachlorobutadiene	10.825	225	324582	45.892	ng		98
35) Caprolactam	11.478	113	151103	40.208	ng		91
36) 4-Chloro-3-methylphenol	11.813	107	501660	43.162	ng		96
37) 2-Methylnaphthalene	12.160	142	914345	42.773	ng		99
38) 1-Methylnaphthalene	12.378	142	951494	41.740	ng		99
40) 1,2,4,5-Tetrachloroben...	12.531	216	620603	52.371	ng		99
41) Hexachlorocyclopentadiene	12.501	237	473063	73.298	ng		98
43) 2,4,6-Trichlorophenol	12.784	196	371562	47.696	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	399539	46.083	ng		97
46) 1,1'-Biphenyl	13.172	154	1438993	50.133	ng		99
47) 2-Chloronaphthalene	13.213	162	1025863	45.390	ng		99
48) 2-Nitroaniline	13.431	65	326293	43.309	ng		95
49) Acenaphthylene	14.066	152	1692703	45.202	ng		100
50) Dimethylphthalate	13.801	163	1282748	42.965	ng		100
51) 2,6-Dinitrotoluene	13.925	165	282660	44.686	ng		94
52) Acenaphthene	14.407	154	938250	43.446	ng		100
53) 3-Nitroaniline	14.266	138	214260	32.211	ng		100
54) 2,4-Dinitrophenol	14.490	184	313082	76.360	ng		97
55) Dibenzofuran	14.748	168	1523653	43.289	ng		100
56) 4-Nitrophenol	14.631	139	395605	69.675	ng		96
57) 2,4-Dinitrotoluene	14.731	165	404772	44.965	ng		94
58) Fluorene	15.407	166	1236135	44.167	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	357493	45.773	ng		97
60) Diethylphthalate	15.178	149	1301605	42.979	ng		99
61) 4-Chlorophenyl-phenyle...	15.401	204	632602	44.849	ng		98
62) 4-Nitroaniline	15.448	138	273159	40.085	ng		96
63) Azobenzene	15.695	77	1315884	44.937	ng		98
65) 4,6-Dinitro-2-methylph...	15.513	198	238603	45.615	ng		89
66) n-Nitrosodiphenylamine	15.619	169	1092191	45.375	ng		99
67) 4-Bromophenyl-phenylether	16.307	248	402236	46.550	ng		99
68) Hexachlorobenzene	16.436	284	457405	47.468	ng		92
69) Atrazine	16.595	200	422884	45.962	ng		96
70) Pentachlorophenol	16.801	266	591433	92.996	ng		99
71) Phenanthrene	17.183	178	1934871	43.366	ng		100
72) Anthracene	17.278	178	2003014	44.246	ng		99
73) Carbazole	17.560	167	1877411	44.607	ng		100
74) Di-n-butylphthalate	18.136	149	2309436	44.714	ng		100
75) Fluoranthene	19.266	202	2423361	45.287	ng		99
77) Benzidine	19.466	184	1409932	57.832	ng		99
78) Pyrene	19.642	202	2518707	44.600	ng		99
80) Butylbenzylphthalate	20.583	149	1103274	44.556	ng		96
81) Benzo(a)anthracene	21.560	228	2593230	44.755	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	695064	34.692	ng		99
83) Chrysene	21.624	228	2461133	44.558	ng		99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1600232	44.172	ng		100
85) Di-n-octyl phthalate	22.742	149	2911110	45.175	ng		97
87) Indeno(1,2,3-cd)pyrene	28.736	276	3246353	46.941	ng	#	78
88) Benzo(b)fluoranthene	23.860	252	2673203	45.967	ng		99
89) Benzo(k)fluoranthene	23.930	252	2689926	45.328	ng		99
90) Benzo(a)pyrene	24.754	252	2574389	45.204	ng		99
91) Dibenzo(a,h)anthracene	28.795	278	2656174	46.934	ng		99
92) Benzo(g,h,i)perylene	29.906	276	2622677	47.123	ng		99

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

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