Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
Data File : BP024973.D
Acq On : 17 Jun 2025 13:16
Operator : RC/JU
Sample : PB168486BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168486BS

Quant Time: Jun 17 13:59:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	262258	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1000634	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	627502	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1228054	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1317314	20.000	ng		0.01
86) Perylene-d12	24.771	264	1539899	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	2425910	154.403	ng		0.00
7) Phenol-d6	6.819	99	2981805	143.438	ng		0.00
23) Nitrobenzene-d5	8.760	82	1830126	88.875	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	1343729	154.887	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	4037448	86.676	ng		0.00
79) Terphenyl-d14	19.783	244	6754620	91.899	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	283654	41.030	ng		100
3) Pyridine	3.561	79	735407	44.233	ng		100
4) n-Nitrosodimethylamine	3.478	42	322124	47.392	ng		96
6) Aniline	6.955	93	820379	30.924	ng		99
8) 2-Chlorophenol	7.190	128	920009	51.653	ng		99
9) Benzaldehyde	6.766	77	615366	51.357	ng		99
10) Phenol	6.849	94	1073070	50.073	ng		99
11) bis(2-Chloroethyl)ether	7.043	93	824549	48.919	ng		99
12) 1,3-Dichlorobenzene	7.496	146	967276	48.681	ng		98
13) 1,4-Dichlorobenzene	7.643	146	981852	48.974	ng		100
14) 1,2-Dichlorobenzene	7.955	146	932158	47.349	ng		100
15) Benzyl Alcohol	7.861	79	782208	49.028	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1046905	47.455	ng		99
17) 2-Methylphenol	8.072	107	736990	49.248	ng		98
18) Hexachloroethane	8.666	117	365226	48.387	ng		97
19) n-Nitroso-di-n-propyla...	8.413	70	624926	44.221	ng		99
20) 3+4-Methylphenols	8.402	107	972181	47.616	ng		97
22) Acetophenone	8.431	105	1245747	49.275	ng	#	99
24) Nitrobenzene	8.808	77	930164	50.846	ng		99
25) Isophorone	9.325	82	1734523	48.602	ng		100
26) 2-Nitrophenol	9.507	139	480635	53.249	ng		99
27) 2,4-Dimethylphenol	9.584	122	807453	52.270	ng		99
28) bis(2-Chloroethoxy)met...	9.802	93	1066424	50.094	ng		99
29) 2,4-Dichlorophenol	10.060	162	803600	54.216	ng		100
30) 1,2,4-Trichlorobenzene	10.243	180	839774	50.232	ng		99
31) Naphthalene	10.431	128	2536060	49.456	ng		100
32) Benzoic acid	9.790	122	580629	55.621	ng		96
33) 4-Chloroaniline	10.560	127	581063	27.047	ng		98
34) Hexachlorobutadiene	10.702	225	514698	51.081	ng		99
35) Caprolactam	11.360	113	289854	53.125	ng		97
36) 4-Chloro-3-methylphenol	11.707	107	908570	53.144	ng		97
37) 2-Methylnaphthalene	12.049	142	1625029	49.959	ng		100
38) 1-Methylnaphthalene	12.266	142	1700101	48.888	ng		100
40) 1,2,4,5-Tetrachloroben...	12.425	216	894277	50.224	ng		99
41) Hexachlorocyclopentadiene	12.396	237	1024682	94.351	ng		100
43) 2,4,6-Trichlorophenol	12.684	196	636342	53.216	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	683454	53.370	ng		98
46) 1,1'-Biphenyl	13.072	154	2259112	49.540	ng		99
47) 2-Chloronaphthalene	13.113	162	1743511	49.745	ng		99
48) 2-Nitroaniline	13.337	65	571413	53.030	ng		97
49) Acenaphthylene	13.972	152	2926016	50.069	ng		100
50) Dimethylphthalate	13.707	163	2352118	50.813	ng		99
51) 2,6-Dinitrotoluene	13.837	165	522966	52.406	ng		98
52) Acenaphthene	14.313	154	1665196	49.726	ng		99
53) 3-Nitroaniline	14.184	138	317871	30.695	ng		97
54) 2,4-Dinitrophenol	14.407	184	682194	103.248	ng		99
55) Dibenzofuran	14.660	168	2628419	48.897	ng		99
56) 4-Nitrophenol	14.554	139	767379	87.020	ng		98
57) 2,4-Dinitrotoluene	14.648	165	735621	52.698	ng		96
58) Fluorene	15.319	166	2195484	50.560	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	604858	52.864	ng		99
60) Diethylphthalate	15.095	149	2417840	52.410	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1055844	49.729	ng		97
62) 4-Nitroaniline	15.372	138	508640	54.169	ng		93
63) Azobenzene	15.613	77	2194451	51.866	ng		98
65) 4,6-Dinitro-2-methylph...	15.437	198	443066	54.907	ng		97
66) n-Nitrosodiphenylamine	15.537	169	1953998	51.335	ng		100
67) 4-Bromophenyl-phenylether	16.231	248	712962	51.453	ng		97
68) Hexachlorobenzene	16.348	284	828852	49.342	ng		98
69) Atrazine	16.519	200	757263	54.879	ng		99
70) Pentachlorophenol	16.719	266	1045984	120.314	ng		99
71) Phenanthrene	17.101	178	3401627	50.124	ng		99
72) Anthracene	17.195	178	3477600	50.598	ng		100
73) Carbazole	17.484	167	3352362	52.622	ng		100
74) Di-n-butylphthalate	18.066	149	4328604	54.840	ng		100
75) Fluoranthene	19.189	202	4059265	51.607	ng		99
77) Benzidine	19.395	184	2093970	51.324	ng		99
78) Pyrene	19.572	202	4270712	51.893	ng		100
80) Butylbenzylphthalate	20.519	149	2091739	55.488	ng		96
81) Benzo(a)anthracene	21.477	228	4342441	51.541	ng		100
82) 3,3'-Dichlorobenzidine	21.407	252	1204925	36.023	ng		99
83) Chrysene	21.548	228	4105653	51.429	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	3066292	56.772	ng		99
85) Di-n-octyl phthalate	22.648	149	5284716	55.512	ng		100
87) Indeno(1,2,3-cd)pyrene	28.489	276	5757662	51.246	ng	#	87
88) Benzo(b)fluoranthene	23.736	252	4492428	50.976	ng		99
89) Benzo(k)fluoranthene	23.807	252	4613063	51.424	ng		99
90) Benzo(a)pyrene	24.618	252	4448729	51.690	ng		100
91) Dibenzo(a,h)anthracene	28.554	278	4697171	51.361	ng		100
92) Benzo(g,h,i)perylene	29.653	276	4601614	50.712	ng		98

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

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