Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
Data File : BP024977.D
Acq On : 17 Jun 2025 16:05
Operator : RC/JU
Sample : Q2336-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WBR-2MS

Quant Time: Jun 17 16:39:59 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	7.607	152	252827	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1000870	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	648587	20.000	ng		0.00
64) Phenanthrene-d10	17.066	188	1263813	20.000	ng		0.00
76) Chrysene-d12	21.501	240	1383797	20.000	ng		0.02
86) Perylene-d12	24.771	264	1570667	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	1356766	89.576	ng		0.00
7) Phenol-d6	6.819	99	1816981	90.665	ng		0.00
23) Nitrobenzene-d5	8.760	82	1103499	53.576	ng		0.00
42) 2,4,6-Tribromophenol	15.783	330	784246	87.458	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	2222891	46.170	ng		0.00
79) Terphenyl-d14	19.789	244	3753368	48.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	275470	41.333	ng	#	96
3) Pyridine	3.561	79	720518	44.954	ng		99
4) n-Nitrosodimethylamine	3.472	42	313543	47.850	ng		99
6) Aniline	6.949	93	784238	30.664	ng		99
8) 2-Chlorophenol	7.190	128	919679	53.561	ng		99
9) Benzaldehyde	6.766	77	601707	52.090	ng		98
10) Phenol	6.849	94	1101952	53.338	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	807160	49.674	ng		99
12) 1,3-Dichlorobenzene	7.496	146	935982	48.863	ng		98
13) 1,4-Dichlorobenzene	7.643	146	948970	49.099	ng		100
14) 1,2-Dichlorobenzene	7.954	146	915669	48.246	ng		98
15) Benzyl Alcohol	7.860	79	794399	51.650	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1020359	47.977	ng		99
17) 2-Methylphenol	8.072	107	752451	52.156	ng		98
18) Hexachloroethane	8.666	117	352592	48.456	ng		99
19) n-Nitroso-di-n-propyla...	8.413	70	636057	46.687	ng		98
20) 3+4-Methylphenols	8.402	107	1005593	51.090	ng		96
22) Acetophenone	8.431	105	1268027	50.145	ng	#	98
24) Nitrobenzene	8.801	77	950578	51.950	ng		99
25) Isophorone	9.325	82	1784547	49.992	ng		100
26) 2-Nitrophenol	9.507	139	492767	54.580	ng		100
27) 2,4-Dimethylphenol	9.578	122	836922	54.164	ng		98
28) bis(2-Chloroethoxy)met...	9.801	93	1073852	50.431	ng		98
29) 2,4-Dichlorophenol	10.060	162	829226	55.931	ng		100
30) 1,2,4-Trichlorobenzene	10.243	180	834203	49.887	ng		99
31) Naphthalene	10.425	128	2583087	50.362	ng		100
32) Benzoic acid	9.796	122	615859	58.982	ng		98
33) 4-Chloroaniline	10.554	127	423542	19.710	ng		99
34) Hexachlorobutadiene	10.707	225	510628	50.665	ng		99
35) Caprolactam	11.366	113	301492	55.245	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	949467	55.523	ng		99
37) 2-Methylnaphthalene	12.048	142	1650801	50.739	ng		99
38) 1-Methylnaphthalene	12.266	142	1751175	50.345	ng		100
40) 1,2,4,5-Tetrachloroben...	12.419	216	923259	50.166	ng		99
41) Hexachlorocyclopentadiene	12.390	237	994855	88.627	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	659440	53.355	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	728468	55.036	ng		99
46) 1,1'-Biphenyl	13.066	154	2369786	50.277	ng		100
47) 2-Chloronaphthalene	13.113	162	1814297	50.082	ng		100
48) 2-Nitroaniline	13.337	65	597802	53.676	ng		96
49) Acenaphthylene	13.972	152	3052630	50.538	ng		100
50) Dimethylphthalate	13.707	163	2402358	50.211	ng		100
51) 2,6-Dinitrotoluene	13.842	165	539226	52.279	ng		98
52) Acenaphthene	14.313	154	1728141	49.928	ng		99
53) 3-Nitroaniline	14.184	138	267148	24.958	ng		97
54) 2,4-Dinitrophenol	14.407	184	702098	102.830	ng		96
55) Dibenzofuran	14.654	168	2745458	49.414	ng		98
56) 4-Nitrophenol	14.548	139	846315	92.488	ng		96
57) 2,4-Dinitrotoluene	14.648	165	763591	52.923	ng		96
58) Fluorene	15.319	166	2290486	51.033	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	636118	53.788	ng		99
60) Diethylphthalate	15.095	149	2514548	52.735	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1104185	50.315	ng		97
62) 4-Nitroaniline	15.372	138	534668	55.090	ng		93
63) Azobenzene	15.613	77	2409040	55.086	ng		98
65) 4,6-Dinitro-2-methylph...	15.436	198	457513	55.093	ng		96
66) n-Nitrosodiphenylamine	15.536	169	2004248	51.165	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	731244	51.280	ng		99
68) Hexachlorobenzene	16.354	284	890944	51.538	ng		97
69) Atrazine	16.525	200	760254	53.536	ng		100
70) Pentachlorophenol	16.719	266	1108918	123.943	ng		98
71) Phenanthrene	17.107	178	3522789	50.441	ng		99
72) Anthracene	17.195	178	3629256	51.310	ng		100
73) Carbazole	17.489	167	3476204	53.022	ng		100
74) Di-n-butylphthalate	18.072	149	4385075	53.984	ng		100
75) Fluoranthene	19.201	202	4281059	52.887	ng		99
77) Benzidine	19.401	184	2601810	60.707	ng		100
78) Pyrene	19.577	202	4374360	50.599	ng		100
80) Butylbenzylphthalate	20.524	149	2117964	53.485	ng		97
81) Benzo(a)anthracene	21.477	228	4556293	51.481	ng		100
82) 3,3'-Dichlorobenzidine	21.413	252	1063730	30.274	ng		100
83) Chrysene	21.548	228	4274502	50.971	ng		98
84) Bis(2-ethylhexyl)phtha...	21.407	149	3122297	55.032	ng		100
85) Di-n-octyl phthalate	22.648	149	5614668	56.144	ng		99
87) Indeno(1,2,3-cd)pyrene	28.506	276	5978526	52.169	ng	#	94
88) Benzo(b)fluoranthene	23.736	252	4645077	51.675	ng		99
89) Benzo(k)fluoranthene	23.801	252	4693652	51.297	ng		99
90) Benzo(a)pyrene	24.601	252	4496906	51.226	ng		100
91) Dibenzo(a,h)anthracene	28.565	278	4857288	52.072	ng		99
92) Benzo(g,h,i)perylene	29.647	276	4797383	51.834	ng		100

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

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