Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024962.D
Acq On : 16 Jun 2025 15:42
Operator : RC/JU
Sample : Q2312-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Quant Time: Jun 16 16:26:54 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	253858	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	991601	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	634583	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1267746	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1323029	20.000	ng		0.00
86) Perylene-d12	24.748	264	1577759	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	1748321	114.958	ng		0.00
7) Phenol-d6	6.819	99	2240985	111.369	ng		0.00
23) Nitrobenzene-d5	8.760	82	1356195	66.460	ng		0.00
42) 2,4,6-Tribromophenol	15.778	330	1003749	114.408	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	2785249	59.127	ng		0.00
79) Terphenyl-d14	19.783	244	4333118	58.699	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.166	88	280626	41.935	ng		99
3) Pyridine	3.561	79	723819	44.977	ng		100
4) n-Nitrosodimethylamine	3.472	42	313683	47.677	ng		99
6) Aniline	6.949	93	725120	28.238	ng		99
8) 2-Chlorophenol	7.190	128	892154	51.747	ng		99
9) Benzaldehyde	6.766	77	606496	52.292	ng		100
10) Phenol	6.843	94	1087688	52.434	ng		99
11) bis(2-Chloroethyl)ether	7.043	93	790867	48.474	ng		99
12) 1,3-Dichlorobenzene	7.496	146	926127	48.152	ng		98
13) 1,4-Dichlorobenzene	7.643	146	933368	48.096	ng		99
14) 1,2-Dichlorobenzene	7.954	146	895883	47.012	ng		99
15) Benzyl Alcohol	7.860	79	771688	49.969	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	983685	46.065	ng		100
17) 2-Methylphenol	8.072	107	724968	50.047	ng		99
18) Hexachloroethane	8.666	117	345499	47.288	ng		97
19) n-Nitroso-di-n-propyla...	8.407	70	614975	44.957	ng		99
20) 3+4-Methylphenols	8.401	107	981008	49.638	ng		97
22) Acetophenone	8.431	105	1241859	49.569	ng	#	99
24) Nitrobenzene	8.801	77	908458	50.112	ng		99
25) Isophorone	9.325	82	1678333	47.456	ng		99
26) 2-Nitrophenol	9.507	139	480032	53.666	ng		98
27) 2,4-Dimethylphenol	9.584	122	796538	52.033	ng		98
28) bis(2-Chloroethoxy)met...	9.801	93	1024261	48.551	ng		98
29) 2,4-Dichlorophenol	10.060	162	807306	54.962	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	809178	48.842	ng		100
31) Naphthalene	10.425	128	2510241	49.399	ng		99
32) Benzoic acid	9.790	122	629165	60.820	ng		97
33) 4-Chloroaniline	10.554	127	450833	21.176	ng		99
34) Hexachlorobutadiene	10.707	225	489100	48.983	ng		100
35) Caprolactam	11.366	113	299435	55.381	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	909262	53.669	ng		99
37) 2-Methylnaphthalene	12.048	142	1590495	49.343	ng		100
38) 1-Methylnaphthalene	12.272	142	1697759	49.266	ng		97
40) 1,2,4,5-Tetrachloroben...	12.425	216	881943	48.979	ng		99
41) Hexachlorocyclopentadiene	12.389	237	982059	89.417	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	646858	53.492	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	724095	55.913	ng		98
46) 1,1'-Biphenyl	13.072	154	2286024	49.570	ng		100
47) 2-Chloronaphthalene	13.113	162	1745794	49.254	ng		99
48) 2-Nitroaniline	13.342	65	584251	53.617	ng		96
49) Acenaphthylene	13.972	152	2956076	50.019	ng		100
50) Dimethylphthalate	13.713	163	2331048	49.796	ng		100
51) 2,6-Dinitrotoluene	13.842	165	516963	51.227	ng		99
52) Acenaphthene	14.319	154	1666851	49.220	ng		99
53) 3-Nitroaniline	14.184	138	271235	25.899	ng		98
54) 2,4-Dinitrophenol	14.407	184	724045	108.084	ng		97
55) Dibenzofuran	14.660	168	2676900	49.244	ng		100
56) 4-Nitrophenol	14.548	139	896153	99.651	ng		99
57) 2,4-Dinitrotoluene	14.648	165	756620	53.598	ng		96
58) Fluorene	15.319	166	2214136	50.420	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	628870	54.349	ng		97
60) Diethylphthalate	15.095	149	2373493	50.875	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1058598	49.302	ng		97
62) 4-Nitroaniline	15.366	138	533274	56.159	ng		95
63) Azobenzene	15.613	77	2364925	55.271	ng		98
65) 4,6-Dinitro-2-methylph...	15.436	198	454770	54.593	ng		98
66) n-Nitrosodiphenylamine	15.536	169	1970004	50.135	ng		100
67) 4-Bromophenyl-phenylether	16.225	248	706722	49.406	ng		99
68) Hexachlorobenzene	16.348	284	854973	49.304	ng		99
69) Atrazine	16.519	200	748406	52.539	ng		97
70) Pentachlorophenol	16.713	266	1106201	123.256	ng		98
71) Phenanthrene	17.101	178	3461594	49.411	ng		99
72) Anthracene	17.189	178	3586242	50.545	ng		99
73) Carbazole	17.483	167	3459825	52.609	ng		100
74) Di-n-butylphthalate	18.066	149	4278431	52.507	ng		99
75) Fluoranthene	19.189	202	4142814	51.020	ng		100
77) Benzidine	19.395	184	2402730	58.637	ng		100
78) Pyrene	19.566	202	4278308	51.761	ng		100
80) Butylbenzylphthalate	20.513	149	2015408	53.232	ng		99
81) Benzo(a)anthracene	21.465	228	4360098	51.527	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1046399	31.149	ng		100
83) Chrysene	21.536	228	4075618	50.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2841528	52.383	ng		99
85) Di-n-octyl phthalate	22.642	149	4933079	51.595	ng		99
87) Indeno(1,2,3-cd)pyrene	28.459	276	6039247	52.462	ng	#	87
88) Benzo(b)fluoranthene	23.724	252	4639275	51.379	ng		100
89) Benzo(k)fluoranthene	23.783	252	4523278	49.213	ng		99
90) Benzo(a)pyrene	24.595	252	4530936	51.382	ng		100
91) Dibenzo(a,h)anthracene	28.524	278	4913761	52.440	ng		99
92) Benzo(g,h,i)perylene	29.630	276	4835741m	52.014	ng		

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

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