Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024907.D
Acq On : 11 Jun 2025 11:31
Operator : RC/JU
Sample : PB168300BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168300BS

Quant Time: Jun 11 12:11:18 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	284260	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1118806	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	705062	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1346679	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1423480	20.000	ng	0.00
86) Perylene-d12	24.748	264	1633276	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2215500	130.096	ng	0.00
7) Phenol-d6	6.819	99	2809851	124.705	ng	0.00
23) Nitrobenzene-d5	8.760	82	1728381	75.069	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1345812	138.062	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3953950	75.546	ng	0.00
79) Terphenyl-d14	19.789	244	6466301	81.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	230919	30.817	ng	99
3) Pyridine	3.561	79	604735	33.558	ng	99
4) n-Nitrosodimethylamine	3.478	42	286701	38.915	ng	98
6) Aniline	6.949	93	1055415	36.704	ng	100
8) 2-Chlorophenol	7.190	128	865176	44.815	ng	99
9) Benzaldehyde	6.766	77	410374	31.598	ng	96
10) Phenol	6.849	94	1018483	43.847	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	754525	41.300	ng	99
12) 1,3-Dichlorobenzene	7.502	146	871152	40.450	ng	98
13) 1,4-Dichlorobenzene	7.649	146	892518	41.072	ng	100
14) 1,2-Dichlorobenzene	7.960	146	854488	40.044	ng	99
15) Benzyl Alcohol	7.860	79	732307	42.348	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	937163	39.192	ng	98
17) 2-Methylphenol	8.072	107	698663	43.073	ng	99
18) Hexachloroethane	8.672	117	330696	40.421	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	597122	38.983	ng	99
20) 3+4-Methylphenols	8.402	107	935876	42.290	ng	98
22) Acetophenone	8.431	105	1197113	42.350	ng	98
24) Nitrobenzene	8.807	77	883210	43.180	ng	98
25) Isophorone	9.325	82	1667646	41.792	ng	100
26) 2-Nitrophenol	9.507	139	462205	45.798	ng	99
27) 2,4-Dimethylphenol	9.584	122	788841	45.671	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	1024680	43.049	ng	100
29) 2,4-Dichlorophenol	10.054	162	775366	46.786	ng	99
30) 1,2,4-Trichlorobenzene	10.248	180	786972	42.101	ng	99
31) Naphthalene	10.431	128	2417478	42.164	ng	100
32) Benzoic acid	9.778	122	547046	46.869	ng	99
33) 4-Chloroaniline	10.554	127	782136	32.561	ng	99
34) Hexachlorobutadiene	10.707	225	493200	43.777	ng	99
35) Caprolactam	11.354	113	261628	42.887	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	865787	45.292	ng	97
37) 2-Methylnaphthalene	12.048	142	1554959	42.755	ng	99
38) 1-Methylnaphthalene	12.272	142	1625831	41.814	ng	98
40) 1,2,4,5-Tetrachloroben...	12.425	216	886419	44.307	ng	99
41) Hexachlorocyclopentadiene	12.395	237	1074406	88.047	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	626192	46.607	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	686152	47.686	ng		98
46) 1,1'-Biphenyl	13.078	154	2216063	43.250	ng		99
47) 2-Chloronaphthalene	13.119	162	1704725	43.288	ng		99
48) 2-Nitroaniline	13.337	65	537932	44.431	ng		99
49) Acenaphthylene	13.978	152	2807623	42.758	ng		100
50) Dimethylphthalate	13.719	163	2231425	42.903	ng		100
51) 2,6-Dinitrotoluene	13.842	165	491014	43.792	ng		99
52) Acenaphthene	14.325	154	1619409	43.039	ng		100
53) 3-Nitroaniline	14.184	138	432828	37.198	ng		100
54) 2,4-Dinitrophenol	14.407	184	650826	88.505	ng		98
55) Dibenzofuran	14.666	168	2564969	42.468	ng		99
56) 4-Nitrophenol	14.542	139	822273	83.238	ng		98
57) 2,4-Dinitrotoluene	14.654	165	707461	45.106	ng		95
58) Fluorene	15.325	166	2086108	42.756	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	604922	47.053	ng		96
60) Diethylphthalate	15.107	149	2295631	44.287	ng		99
61) 4-Chlorophenyl-phenyle...	15.325	204	1051126	44.061	ng		99
62) 4-Nitroaniline	15.366	138	495136	46.930	ng		96
63) Azobenzene	15.625	77	2041999	42.953	ng		97
65) 4,6-Dinitro-2-methylph...	15.431	198	409834	46.315	ng		98
66) n-Nitrosodiphenylamine	15.548	169	1849021	44.298	ng		99
67) 4-Bromophenyl-phenylether	16.236	248	696351	45.828	ng		97
68) Hexachlorobenzene	16.354	284	826223	44.853	ng		97
69) Atrazine	16.525	200	688764	45.518	ng		99
70) Pentachlorophenol	16.719	266	1036395	108.710	ng		98
71) Phenanthrene	17.107	178	3244535	43.598	ng		99
72) Anthracene	17.201	178	3273182	43.428	ng		99
73) Carbazole	17.489	167	3114427	44.581	ng		100
74) Di-n-butylphthalate	18.066	149	4041854	46.696	ng		100
75) Fluoranthene	19.195	202	3763744	43.635	ng		99
77) Benzidine	19.395	184	2017436	45.760	ng		99
78) Pyrene	19.572	202	3916517	44.040	ng		100
80) Butylbenzylphthalate	20.524	149	1923581	47.222	ng		97
81) Benzo(a)anthracene	21.471	228	4049426	44.478	ng		100
82) 3,3'-Dichlorobenzidine	21.389	252	1318154	36.469	ng		100
83) Chrysene	21.536	228	3760081	43.587	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2843025	48.712	ng		99
85) Di-n-octyl phthalate	22.642	149	4956194	48.178	ng		99
87) Indeno(1,2,3-cd)pyrene	28.465	276	5466015	45.868	ng	#	92
88) Benzo(b)fluoranthene	23.730	252	4356357	46.606	ng		99
89) Benzo(k)fluoranthene	23.789	252	4245852	44.624	ng		100
90) Benzo(a)pyrene	24.601	252	4159188	45.563	ng		99
91) Dibenzo(a,h)anthracene	28.530	278	4542460	46.830	ng		99
92) Benzo(g,h,i)perylene	29.624	276	4413732	45.861	ng		99

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

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