Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025918.D
Acq On : 03 Oct 2025 17:43
Operator : CG/JU
Sample : Q3270-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PITMS

Quant Time: Oct 03 18:08:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	170886	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	683071	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	445968	20.000	ng	-0.03
64) Phenanthrene-d10	17.148	188	906948	20.000	ng	-0.04
76) Chrysene-d12	21.583	240	911155	20.000	ng	-0.06
86) Perylene-d12	24.924	264	1014405	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1151927	108.768	ng	0.00
7) Phenol-d6	6.943	99	1497916	106.409	ng	0.00
23) Nitrobenzene-d5	8.884	82	928212	59.942	ng	-0.02
42) 2,4,6-Tribromophenol	15.872	330	632652	113.734	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	1956776	58.423	ng	-0.03
79) Terphenyl-d14	19.860	244	3088048	60.971	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	170253	38.302	ng	97
3) Pyridine	3.696	79	481697	39.356	ng	96
4) n-Nitrosodimethylamine	3.608	42	229582	39.752	ng	90
6) Aniline	7.078	93	537145	27.797	ng	99
8) 2-Chlorophenol	7.325	128	563845	48.530	ng	98
9) Benzaldehyde	6.896	77	296996	35.200	ng	99
10) Phenol	6.972	94	711288	47.920	ng	96
11) bis(2-Chloroethyl)ether	7.172	93	536947	45.025	ng	94
12) 1,3-Dichlorobenzene	7.631	146	602023	45.528	ng	99
13) 1,4-Dichlorobenzene	7.772	146	618374	45.909	ng	98
14) 1,2-Dichlorobenzene	8.090	146	585572	44.750	ng	99
15) Benzyl Alcohol	7.984	79	531891	45.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	803108	41.180	ng	97
17) 2-Methylphenol	8.196	107	478546	47.819	ng	99
18) Hexachloroethane	8.802	117	233972	45.476	ng	98
19) n-Nitroso-di-n-propyla...	8.537	70	425989	43.387	ng	95
20) 3+4-Methylphenols	8.519	107	642020	45.809	ng	97
22) Acetophenone	8.555	105	922185	50.519	ng	98
24) Nitrobenzene	8.925	77	627272	45.154	ng	98
25) Isophorone	9.449	82	1191532	43.777	ng	99
26) 2-Nitrophenol	9.631	139	306304	49.662	ng	92
27) 2,4-Dimethylphenol	9.696	122	518143	47.886	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	717603	45.610	ng	98
29) 2,4-Dichlorophenol	10.184	162	542998	50.332	ng	98
30) 1,2,4-Trichlorobenzene	10.366	180	574911	47.284	ng	98
31) Naphthalene	10.555	128	1657971	45.015	ng	99
32) Benzoic acid	9.896	122	453997	56.434	ng	98
33) 4-Chloroaniline	10.672	127	284243	18.516	ng	98
34) Hexachlorobutadiene	10.837	225	372456	47.586	ng	99
35) Caprolactam	11.478	113	182588	43.904	ng	95
36) 4-Chloro-3-methylphenol	11.813	107	614999	47.814	ng	96
37) 2-Methylnaphthalene	12.160	142	1082199	45.747	ng	98
38) 1-Methylnaphthalene	12.384	142	1130268	44.805	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	737472	54.571	ng	99
41) Hexachlorocyclopentadiene	12.507	237	535659	72.777	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	452046	50.883	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	498120	50.379	ng		96
46) 1,1'-Biphenyl	13.172	154	1699329	51.913	ng		100
47) 2-Chloronaphthalene	13.219	162	1210440	46.962	ng		99
48) 2-Nitroaniline	13.437	65	404524	47.082	ng		94
49) Acenaphthylene	14.078	152	2031505	47.569	ng		100
50) Dimethylphthalate	13.807	163	1553187	45.617	ng		100
51) 2,6-Dinitrotoluene	13.931	165	348474	48.308	ng		95
52) Acenaphthene	14.419	154	1119687	45.463	ng		98
53) 3-Nitroaniline	14.266	138	205699	27.117	ng		97
54) 2,4-Dinitrophenol	14.495	184	329918	70.925	ng		98
55) Dibenzofuran	14.760	168	1836501	45.753	ng		98
56) 4-Nitrophenol	14.625	139	530314	81.114	ng		99
57) 2,4-Dinitrotoluene	14.737	165	502260	48.924	ng		93
58) Fluorene	15.419	166	1492687	46.766	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.995	232	447354	50.226	ng		95
60) Diethylphthalate	15.184	149	1609459	46.601	ng		100
61) 4-Chlorophenyl-phenyle...	15.407	204	761279	47.326	ng		99
62) 4-Nitroaniline	15.454	138	355796	45.783	ng		95
63) Azobenzene	15.707	77	1670895	50.035	ng		96
65) 4,6-Dinitro-2-methylph...	15.519	198	253739	42.069	ng		90
66) n-Nitrosodiphenylamine	15.631	169	1324089	47.707	ng		100
67) 4-Bromophenyl-phenylether	16.319	248	497336	49.915	ng		96
68) Hexachlorobenzene	16.442	284	559367	50.343	ng		93
69) Atrazine	16.607	200	514950	48.538	ng		97
70) Pentachlorophenol	16.801	266	706202	96.301	ng		98
71) Phenanthrene	17.189	178	2367211	46.012	ng		99
72) Anthracene	17.284	178	2407804	46.127	ng		100
73) Carbazole	17.566	167	2274753	46.873	ng		99
74) Di-n-butylphthalate	18.148	149	2882916	48.407	ng		99
75) Fluoranthene	19.272	202	2895585	46.929	ng		100
77) Benzidine	19.466	184	1638887	62.443	ng		99
78) Pyrene	19.648	202	2975772	48.946	ng		99
80) Butylbenzylphthalate	20.589	149	1350219	50.651	ng		98
81) Benzo(a)anthracene	21.566	228	2938299	47.104	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	654016	30.322	ng		99
83) Chrysene	21.630	228	2736429	46.019	ng		100
84) Bis(2-ethylhexyl)phtha...	21.489	149	1980388	50.779	ng		99
85) Di-n-octyl phthalate	22.760	149	3437542	49.550	ng		97
87) Indeno(1,2,3-cd)pyrene	28.771	276	3618520	49.052	ng	#	85
88) Benzo(b)fluoranthene	23.866	252	2928808	47.214	ng		98
89) Benzo(k)fluoranthene	23.936	252	2885491	45.584	ng		100
90) Benzo(a)pyrene	24.771	252	2834710	46.663	ng		99
91) Dibenzo(a,h)anthracene	28.812	278	2938609	48.678	ng		99
92) Benzo(g,h,i)perylene	29.936	276	2946497	49.631	ng		99

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

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