Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
Data File : BP025280.D
Acq On : 31 Jul 2025 14:45
Operator : CG/JU
Sample : PB169066BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169066BS

Quant Time: Jul 31 15:03:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.390	152	365709	20.000	ng		-0.01
21) Naphthalene-d8	10.131	136	1439432	20.000	ng		-0.01
39) Acenaphthene-d10	14.036	164	908542	20.000	ng		-0.01
64) Phenanthrene-d10	16.860	188	1807495	20.000	ng		-0.02
76) Chrysene-d12	21.283	240	2061389	20.000	ng		-0.02
86) Perylene-d12	24.406	264	2434172	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2872904	132.733	ng		-0.01
7) Phenol-d6	6.637	99	3486034	130.041	ng		-0.01
23) Nitrobenzene-d5	8.531	82	2146490	82.871	ng		0.00
42) 2,4,6-Tribromophenol	15.577	330	1698491	126.811	ng		0.00
45) 2-Fluorobiphenyl	12.636	172	5518495	85.632	ng		-0.01
79) Terphenyl-d14	19.624	244	8819441	84.457	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	300494	37.043	ng	#	96
3) Pyridine	3.478	79	835051	38.456	ng		96
4) n-Nitrosodimethylamine	3.384	42	398385	46.263	ng		88
6) Aniline	6.754	93	1003953	28.651	ng		98
8) 2-Chlorophenol	6.990	128	1122393	45.703	ng		99
9) Benzaldehyde	6.572	77	517509	28.473	ng		99
10) Phenol	6.666	94	1265784	45.530	ng		96
11) bis(2-Chloroethyl)ether	6.849	93	1083221	50.822	ng		99
12) 1,3-Dichlorobenzene	7.284	146	1208804	43.770	ng		99
13) 1,4-Dichlorobenzene	7.425	146	1232493	44.213	ng		99
14) 1,2-Dichlorobenzene	7.731	146	1180713	44.029	ng		99
15) Benzyl Alcohol	7.654	79	785325	40.613	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.919	45	1254001	45.982	ng		98
17) 2-Methylphenol	7.878	107	879869	45.651	ng		99
18) Hexachloroethane	8.437	117	424630	44.294	ng		97
19) n-Nitroso-di-n-propyla...	8.196	70	698946	43.341	ng		97
20) 3+4-Methylphenols	8.207	107	1166640	44.374	ng	#	44
22) Acetophenone	8.207	105	1515287	45.240	ng	#	93
24) Nitrobenzene	8.572	77	1062240	46.006	ng		95
25) Isophorone	9.101	82	1925451	42.272	ng		98
26) 2-Nitrophenol	9.272	139	581839	43.882	ng		98
27) 2,4-Dimethylphenol	9.372	122	1004356	45.269	ng		98
28) bis(2-Chloroethoxy)met...	9.566	93	1262729	44.321	ng		99
29) 2,4-Dichlorophenol	9.842	162	1030132	45.194	ng		99
30) 1,2,4-Trichlorobenzene	10.001	180	1099003	44.144	ng		99
31) Naphthalene	10.178	128	3267061	44.355	ng		100
32) Benzoic acid	9.572	122	572525m	33.802	ng		
33) 4-Chloroaniline	10.331	127	965086	29.807	ng		99
34) Hexachlorobutadiene	10.472	225	656573	43.818	ng		99
35) Caprolactam	11.166	113	312562m	41.318	ng		
36) 4-Chloro-3-methylphenol	11.495	107	1026927	45.070	ng		98
37) 2-Methylnaphthalene	11.807	142	2096399	43.831	ng		99
38) 1-Methylnaphthalene	12.025	142	2206435	43.916	ng		99
40) 1,2,4,5-Tetrachloroben...	12.189	216	1204851	44.241	ng	#	98
41) Hexachlorocyclopentadiene	12.172	237	1576528	96.976	ng		99
43) 2,4,6-Trichlorophenol	12.460	196	840796	45.185	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	932795	45.553	ng		98
46) 1,1'-Biphenyl	12.848	154	3035459	46.088	ng		99
47) 2-Chloronaphthalene	12.889	162	2331306	45.338	ng		100
48) 2-Nitroaniline	13.119	65	624740	47.576	ng		99
49) Acenaphthylene	13.748	152	3874302	46.584	ng		100
50) Dimethylphthalate	13.507	163	2981508	45.886	ng		99
51) 2,6-Dinitrotoluene	13.619	165	652927	46.247	ng		90
52) Acenaphthene	14.101	154	2170579	45.133	ng		100
53) 3-Nitroaniline	13.966	138	643223	40.401	ng		97
54) 2,4-Dinitrophenol	14.183	184	793244	94.829	ng		98
55) Dibenzofuran	14.454	168	3593927	46.263	ng		95
56) 4-Nitrophenol	14.378	139	682950	50.129	ng		94
57) 2,4-Dinitrotoluene	14.442	165	952510	48.197	ng	#	87
58) Fluorene	15.125	166	2929965	47.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.707	232	801464	44.226	ng		97
60) Diethylphthalate	14.913	149	2995693	46.777	ng		99
61) 4-Chlorophenyl-phenyle...	15.125	204	1447124	46.436	ng		96
62) 4-Nitroaniline	15.178	138	618345	38.189	ng		94
63) Azobenzene	15.425	77	2538889	48.650	ng		96
65) 4,6-Dinitro-2-methylph...	15.219	198	551511	47.280	ng		94
66) n-Nitrosodiphenylamine	15.342	169	2574401	46.925	ng		99
67) 4-Bromophenyl-phenylether	16.036	248	934796	44.315	ng		97
68) Hexachlorobenzene	16.154	284	1112658	44.416	ng		96
69) Atrazine	16.348	200	857575	42.242	ng		99
70) Pentachlorophenol	16.525	266	1370928	80.476	ng		99
71) Phenanthrene	16.913	178	4593668	47.121	ng		100
72) Anthracene	17.001	178	4689974	47.755	ng		100
73) Carbazole	17.295	167	4457563	47.547	ng		99
74) Di-n-butylphthalate	17.901	149	5287526	48.880	ng		99
75) Fluoranthene	19.013	202	5453593	47.533	ng		99
77) Benzidine	19.230	184	3646800	50.390	ng		99
78) Pyrene	19.395	202	5636896	44.349	ng		99
80) Butylbenzylphthalate	20.377	149	2523736	43.865	ng		94
81) Benzo(a)anthracene	21.265	228	6027698	46.303	ng		100
82) 3,3'-Dichlorobenzidine	21.224	252	1799153	33.342	ng		100
83) Chrysene	21.336	228	5674782	46.698	ng		100
84) Bis(2-ethylhexyl)phtha...	21.254	149	3782745	45.981	ng		100
85) Di-n-octyl phthalate	22.454	149	6633405	46.694	ng		99
87) Indeno(1,2,3-cd)pyrene	27.912	276	8267609	46.478	ng		99
88) Benzo(b)fluoranthene	23.424	252	6426213	46.121	ng		99
89) Benzo(k)fluoranthene	23.489	252	6688724	48.626	ng		100
90) Benzo(a)pyrene	24.248	252	6342186	46.652	ng		100
91) Dibenzo(a,h)anthracene	27.965	278	6789393	46.783	ng		99
92) Benzo(g,h,i)perylene	28.983	276	6632138	46.502	ng		99

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

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