Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	148040	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	615021	20.000	ng		-0.01
39) Acenaphthene-d10	14.389	164	404292	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	853901	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	969472	20.000	ng		0.00
86) Perylene-d12	25.018	264	1139124	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1200775	134.702	ng		0.00
7) Phenol-d6	6.966	99	1529949	133.867	ng		0.00
23) Nitrobenzene-d5	8.919	82	946996	77.890	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	760500	139.751	ng		-0.01
45) 2-Fluorobiphenyl	13.001	172	2252347	76.139	ng		-0.02
79) Terphenyl-d14	19.913	244	4059745	76.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	123258	35.300	ng		98
3) Pyridine	3.719	79	354119	37.053	ng		96
4) n-Nitrosodimethylamine	3.625	42	182595	46.343	ng		99
6) Aniline	7.113	93	430043	27.927	ng		99
8) 2-Chlorophenol	7.355	128	487294	48.442	ng		98
9) Benzaldehyde	6.925	77	123736	15.453	ng		96
10) Phenol	6.996	94	582746	48.593	ng		98
11) bis(2-Chloroethyl)ether	7.207	93	414503	44.345	ng		99
12) 1,3-Dichlorobenzene	7.666	146	485834	43.800	ng		98
13) 1,4-Dichlorobenzene	7.813	146	496698	43.811	ng		99
14) 1,2-Dichlorobenzene	8.125	146	481693	43.891	ng		98
15) Benzyl Alcohol	8.013	79	415831	45.791	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	567047	45.286	ng		98
17) 2-Methylphenol	8.219	107	402255	48.295	ng		99
18) Hexachloroethane	8.843	117	180289	43.250	ng		99
19) n-Nitroso-di-n-propyla...	8.572	70	329611	43.540	ng		97
20) 3+4-Methylphenols	8.543	107	540152	46.785	ng		99
22) Acetophenone	8.590	105	688325	44.628	ng	#	98
24) Nitrobenzene	8.960	77	495396	45.592	ng		99
25) Isophorone	9.484	82	933372	43.379	ng		99
26) 2-Nitrophenol	9.660	139	260567	46.727	ng		96
27) 2,4-Dimethylphenol	9.731	122	453181	47.256	ng		97
28) bis(2-Chloroethoxy)met...	9.960	93	571226	43.919	ng		98
29) 2,4-Dichlorophenol	10.207	162	452353	47.484	ng		98
30) 1,2,4-Trichlorobenzene	10.407	180	454350	43.508	ng		99
31) Naphthalene	10.596	128	1403986	43.921	ng		99
32) Benzoic acid	9.890	122	337738	47.704	ng		97
33) 4-Chloroaniline	10.701	127	232182	16.443	ng		99
34) Hexachlorobutadiene	10.884	225	279348	42.953	ng		98
35) Caprolactam	11.496	113	169799	48.609	ng		98
36) 4-Chloro-3-methylphenol	11.843	107	524556	47.987	ng		99
37) 2-Methylnaphthalene	12.201	142	913846	43.929	ng		100
38) 1-Methylnaphthalene	12.419	142	964156	43.582	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	526139	45.060	ng		99
41) Hexachlorocyclopentadiene	12.554	237	516663	73.254	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	382444	48.516	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	415430	48.086	ng		98
46) 1,1'-Biphenyl	13.213	154	1324535	45.110	ng		99
47) 2-Chloronaphthalene	13.260	162	1008960	44.140	ng		100
48) 2-Nitroaniline	13.460	65	340067	51.059	ng		97
49) Acenaphthylene	14.113	152	1757916	46.477	ng		99
50) Dimethylphthalate	13.842	163	1389966	46.949	ng		99
51) 2,6-Dinitrotoluene	13.960	165	310968	49.834	ng		98
52) Acenaphthene	14.454	154	994508	44.794	ng		99
53) 3-Nitroaniline	14.295	138	208610	29.714	ng		94
54) 2,4-Dinitrophenol	14.513	184	371494	111.480	ng		98
55) Dibenzofuran	14.795	168	1598571	45.542	ng		100
56) 4-Nitrophenol	14.637	139	558851	96.869	ng		99
57) 2,4-Dinitrotoluene	14.760	165	452100	50.781	ng		98
58) Fluorene	15.454	166	1296385	46.806	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	376756	49.388	ng		99
60) Diethylphthalate	15.225	149	1443571	47.987	ng		99
61) 4-Chlorophenyl-phenyle...	15.448	204	634515	46.063	ng		99
62) 4-Nitroaniline	15.478	138	354037	49.190	ng		99
63) Azobenzene	15.742	77	1266252	49.158	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	265528	49.885	ng		98
66) n-Nitrosodiphenylamine	15.660	169	1193960	45.853	ng		100
67) 4-Bromophenyl-phenylether	16.360	248	422284	44.965	ng		99
68) Hexachlorobenzene	16.483	284	495747	45.538	ng		97
69) Atrazine	16.642	200	447985	45.940	ng		98
70) Pentachlorophenol	16.842	266	657272	95.643	ng		97
71) Phenanthrene	17.236	178	2100644	44.783	ng		99
72) Anthracene	17.325	178	2179229	45.493	ng		100
73) Carbazole	17.613	167	2113591	46.844	ng		99
74) Di-n-butylphthalate	18.201	149	2663481	47.980	ng		100
75) Fluoranthene	19.325	202	2659369	47.529	ng		99
77) Benzidine	19.513	184	999000	30.194	ng		99
78) Pyrene	19.701	202	2752492	43.681	ng		100
80) Butylbenzylphthalate	20.648	149	1349125	47.241	ng		100
81) Benzo(a)anthracene	21.624	228	3009321	47.067	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	772708	32.063	ng		99
83) Chrysene	21.689	228	2789151	46.581	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2017022	47.980	ng		99
85) Di-n-octyl phthalate	22.848	149	3689681	51.027	ng		99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3892421	46.594	ng	#	79
88) Benzo(b)fluoranthene	23.954	252	3178801	47.324	ng		99
89) Benzo(k)fluoranthene	24.030	252	3155896	46.951	ng		99
90) Benzo(a)pyrene	24.860	252	3049595	46.640	ng		99
91) Dibenzo(a,h)anthracene	28.942	278	3208547	46.999	ng		97
92) Benzo(g,h,i)perylene	30.065	276	3152886	46.983	ng		98

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

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