Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025600.D
Acq On : 27 Aug 2025 12:23
Operator : CG/JU
Sample : PB169382BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169382BS

Quant Time: Aug 27 12:59:18 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	7.772	152	196360	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	794802	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	531087	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1087302	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1129054	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1232505	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1582633	133.850	ng	0.00
7) Phenol-d6	6.972	99	2018583	133.158	ng	0.00
23) Nitrobenzene-d5	8.925	82	1282375	81.617	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	1010417	141.347	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	3031848	78.021	ng	-0.01
79) Terphenyl-d14	19.919	244	5027692	81.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	181047	39.091	ng	97
3) Pyridine	3.720	79	507146	40.007	ng	98
4) n-Nitrosodimethylamine	3.625	42	256700	49.118	ng	95
6) Aniline	7.113	93	723181	35.407	ng	98
8) 2-Chlorophenol	7.355	128	647238	48.509	ng	98
9) Benzaldehyde	6.931	77	282672	26.615	ng	99
10) Phenol	6.996	94	777230	48.861	ng	97
11) bis(2-Chloroethyl)ether	7.208	93	571383	46.086	ng	99
12) 1,3-Dichlorobenzene	7.672	146	666297	45.287	ng	99
13) 1,4-Dichlorobenzene	7.813	146	676644	44.996	ng	99
14) 1,2-Dichlorobenzene	8.125	146	646907	44.440	ng	97
15) Benzyl Alcohol	8.013	79	570434	47.358	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	770887	46.415	ng	99
17) 2-Methylphenol	8.225	107	544196	49.259	ng	99
18) Hexachloroethane	8.843	117	254048	45.947	ng	96
19) n-Nitroso-di-n-propyla...	8.578	70	444153	44.233	ng	98
20) 3+4-Methylphenols	8.549	107	739884	48.315	ng	96
22) Acetophenone	8.590	105	920425	46.178	ng	99
24) Nitrobenzene	8.966	77	665660	47.405	ng	99
25) Isophorone	9.484	82	1273201	45.788	ng	99
26) 2-Nitrophenol	9.666	139	346533	48.086	ng	97
27) 2,4-Dimethylphenol	9.731	122	615366	49.654	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	776971	46.225	ng	99
29) 2,4-Dichlorophenol	10.207	162	622187	50.539	ng	98
30) 1,2,4-Trichlorobenzene	10.413	180	607575	45.020	ng	98
31) Naphthalene	10.601	128	1887940	45.701	ng	100
32) Benzoic acid	9.902	122	474361	51.846	ng	97
33) 4-Chloroaniline	10.707	127	492521	26.991	ng	100
34) Hexachlorobutadiene	10.878	225	381867	45.435	ng	99
35) Caprolactam	11.496	113	225097	49.864	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	723039	51.183	ng	99
37) 2-Methylnaphthalene	12.207	142	1219663	45.368	ng	99
38) 1-Methylnaphthalene	12.419	142	1282083	44.845	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	707861	46.150	ng	99
41) Hexachlorocyclopentadiene	12.560	237	757715	81.783	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	512160	49.460	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	573610	50.543	ng	98
46) 1,1'-Biphenyl	13.219	154	1789636	46.399	ng	98
47) 2-Chloronaphthalene	13.266	162	1380892	45.989	ng	100
48) 2-Nitroaniline	13.466	65	456032	52.123	ng	98
49) Acenaphthylene	14.119	152	2334553	46.986	ng	100
50) Dimethylphthalate	13.848	163	1874105	48.189	ng	100
51) 2,6-Dinitrotoluene	13.972	165	419118	51.130	ng	97
52) Acenaphthene	14.466	154	1306715	44.805	ng	99
53) 3-Nitroaniline	14.307	138	329213	35.697	ng	96
54) 2,4-Dinitrophenol	14.513	184	507194	115.865	ng	99
55) Dibenzofuran	14.807	168	2136958	46.345	ng	99
56) 4-Nitrophenol	14.637	139	739393	97.565	ng	94
57) 2,4-Dinitrotoluene	14.766	165	603327	51.588	ng	94
58) Fluorene	15.466	166	1687124	46.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	514506	51.343	ng	99
60) Diethylphthalate	15.231	149	1936184	48.996	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	844472	46.669	ng	96
62) 4-Nitroaniline	15.489	138	471135	49.831	ng	98
63) Azobenzene	15.760	77	1701160	50.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	360084	53.128	ng	89
66) n-Nitrosodiphenylamine	15.672	169	1594046	48.077	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	572923	47.910	ng	97
68) Hexachlorobenzene	16.489	284	672803	48.535	ng	97
69) Atrazine	16.654	200	608818	49.031	ng	98
70) Pentachlorophenol	16.848	266	862459	98.561	ng	97
71) Phenanthrene	17.242	178	2766200	46.312	ng	99
72) Anthracene	17.331	178	2879177	47.203	ng	100
73) Carbazole	17.613	167	2702229	47.034	ng	100
74) Di-n-butylphthalate	18.201	149	3461380	48.969	ng	100
75) Fluoranthene	19.325	202	3257120	45.716	ng	99
77) Benzidine	19.519	184	1430954	37.137	ng	99
78) Pyrene	19.695	202	3464576	47.211	ng	100
80) Butylbenzylphthalate	20.642	149	1628807	48.973	ng	99
81) Benzo(a)anthracene	21.613	228	3475908	46.681	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	924024	32.923	ng	99
83) Chrysene	21.683	228	3233707	46.373	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	2324218	47.473	ng	99
85) Di-n-octyl phthalate	22.824	149	4101560	48.705	ng	99
87) Indeno(1,2,3-cd)pyrene	28.859	276	4163923	46.068	ng	94
88) Benzo(b)fluoranthene	23.942	252	3514330	48.355	ng	99
89) Benzo(k)fluoranthene	24.013	252	3450944	47.451	ng	99
90) Benzo(a)pyrene	24.854	252	3359525	47.487	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3460052	46.843	ng	99
92) Benzo(g,h,i)perylene	30.042	276	3338490	45.980	ng	98

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

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