Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025563.D
Acq On : 25 Aug 2025 13:36
Operator : CG/JU
Sample : 8270SPIKE
Misc : 8270 SPIKE
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP6865

Quant Time: Aug 25 14:15:18 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	7.778	152	174560	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	697157	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	425737	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	821486	20.000	ng	0.00
76) Chrysene-d12	21.648	240	837566	20.000	ng	0.00
86) Perylene-d12	25.007	264	1084199	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	183194	44.495	ng	98
3) Pyridine	3.714	79	487254	43.238	ng	95
4) n-Nitrosodimethylamine	3.619	42	237226	51.061	ng	97
6) Aniline	7.108	93	649687	35.781	ng	98
8) 2-Chlorophenol	7.349	128	593150	50.007	ng	99
9) Benzaldehyde	6.925	77	491929	52.102	ng	98
10) Phenol	6.984	94	719162	50.857	ng	100
11) bis(2-Chloroethyl)ether	7.202	93	526066	47.730	ng	98
12) 1,3-Dichlorobenzene	7.666	146	623094	47.640	ng	99
13) 1,4-Dichlorobenzene	7.813	146	636234	47.592	ng	99
14) 1,2-Dichlorobenzene	8.125	146	610815	47.201	ng	98
15) Benzyl Alcohol	8.013	79	503268	47.000	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	724177	49.048	ng	98
17) 2-Methylphenol	8.213	107	478660	48.738	ng	99
18) Hexachloroethane	8.849	117	235994	48.013	ng	97
19) n-Nitroso-di-n-propyla...	8.572	70	388697	43.544	ng	99
20) 3+4-Methylphenols	8.537	107	649731	47.727	ng	97
22) Acetophenone	8.584	105	908232	51.949	ng	98
24) Nitrobenzene	8.960	77	587570	47.704	ng	100
25) Isophorone	9.484	82	1079842	44.274	ng	98
26) 2-Nitrophenol	9.660	139	308024	48.729	ng	97
27) 2,4-Dimethylphenol	9.731	122	523938	48.198	ng	98
28) bis(2-Chloroethoxy)met...	9.954	93	677712	45.967	ng	99
29) 2,4-Dichlorophenol	10.201	162	530478	49.125	ng	99
30) 1,2,4-Trichlorobenzene	10.407	180	545544	46.085	ng	100
31) Naphthalene	10.596	128	1703754	47.019	ng	99
32) Benzoic acid	9.884	122	430351	53.623	ng	97
33) 4-Chloroaniline	10.696	127	365497	22.835	ng	99
34) Hexachlorobutadiene	10.884	225	336581	45.655	ng	98
35) Caprolactam	11.490	113	171113	43.214	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	572416	46.196	ng	98
37) 2-Methylnaphthalene	12.201	142	1072790	45.494	ng	99
38) 1-Methylnaphthalene	12.419	142	1104261	44.035	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	640093	52.058	ng	99
41) Hexachlorocyclopentadiene	12.554	237	680934	91.682	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	407491	49.089	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	441249	48.501	ng	99
46) 1,1'-Biphenyl	13.213	154	1638599	52.996	ng	99
47) 2-Chloronaphthalene	13.260	162	1146084	47.614	ng	99
48) 2-Nitroaniline	13.460	65	343603	48.991	ng	99
49) Acenaphthylene	14.113	152	1921626	48.246	ng	99
50) Dimethylphthalate	13.848	163	1378455	44.215	ng	100
51) 2,6-Dinitrotoluene	13.960	165	310672	47.279	ng	99
52) Acenaphthene	14.460	154	1058719	45.284	ng	99
53) 3-Nitroaniline	14.295	138	223196	30.190	ng	95
54) 2,4-Dinitrophenol	14.507	184	380360	108.392	ng	98
55) Dibenzofuran	14.801	168	1721488	46.573	ng	98
56) 4-Nitrophenol	14.625	139	567044	93.338	ng	98
57) 2,4-Dinitrotoluene	14.760	165	438086	46.728	ng	95
58) Fluorene	15.460	166	1339524	45.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	372312	46.347	ng	100
60) Diethylphthalate	15.231	149	1383058	43.659	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	641898	44.252	ng	98
62) 4-Nitroaniline	15.478	138	346121	45.667	ng	97
63) Azobenzene	15.754	77	1273341	46.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	250596	48.937	ng	98
66) n-Nitrosodiphenylamine	15.672	169	1187765	47.415	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	403386	44.648	ng	97
68) Hexachlorobenzene	16.495	284	474008	45.259	ng	97
69) Atrazine	16.648	200	418455	44.605	ng	98
70) Pentachlorophenol	16.836	266	620292	93.824	ng	97
71) Phenanthrene	17.242	178	2074109	45.962	ng	99
72) Anthracene	17.336	178	2101051	45.592	ng	99
73) Carbazole	17.613	167	2017930	46.489	ng	99
74) Di-n-butylphthalate	18.207	149	2327553	43.583	ng	99
75) Fluoranthene	19.325	202	2384012	44.289	ng	99
77) Benzidine	19.519	184	1773839	62.056	ng	99
78) Pyrene	19.701	202	2456112	45.116	ng	100
80) Butylbenzylphthalate	20.648	149	1088853	44.132	ng	97
81) Benzo(a)anthracene	21.624	228	2521848	45.654	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	642113	30.841	ng	99
83) Chrysene	21.695	228	2373469	45.882	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1496777	41.212	ng	99
85) Di-n-octyl phthalate	22.848	149	2732937	43.748	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3758682	47.273	ng	94
88) Benzo(b)fluoranthene	23.936	252	2819576	44.103	ng	100
89) Benzo(k)fluoranthene	24.013	252	2914846	45.562	ng	100
90) Benzo(a)pyrene	24.848	252	2868559	46.094	ng	100
91) Dibenzo(a,h)anthracene	28.918	278	3074115	47.311	ng	98
92) Benzo(g,h,i)perylene	30.018	276	3030007	47.439	ng	98

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

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