Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025516.D
Acq On : 20 Aug 2025 21:11
Operator : CG/JU
Sample : Q2819-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 21 01:37:53 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

Instrument :
BNA_P
ClientSampleId :
22BP-WMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	196853	20.000	ng		0.00
21) Naphthalene-d8	10.555	136	796434	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	542391	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	1090849	20.000	ng		0.00
76) Chrysene-d12	21.642	240	892873	20.000	ng		0.00
86) Perylene-d12	25.024	264	958463	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1211281	102.187	ng		0.00
7) Phenol-d6	6.972	99	1591692	104.735	ng		0.00
23) Nitrobenzene-d5	8.931	82	1023958	65.037	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	771618	105.692	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	2319713	58.451	ng		0.00
79) Terphenyl-d14	19.925	244	3434227	70.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	174087	37.494	ng		96
3) Pyridine	3.725	79	483273	38.028	ng		95
4) n-Nitrosodimethylamine	3.631	42	256777	49.010	ng		90
6) Aniline	7.125	93	752387	36.745	ng		99
8) 2-Chlorophenol	7.366	128	652515	48.782	ng		100
9) Benzaldehyde	6.937	77	299983	28.174	ng		97
10) Phenol	7.002	94	788903	49.471	ng		97
11) bis(2-Chloroethyl)ether	7.219	93	565023	45.459	ng		99
12) 1,3-Dichlorobenzene	7.678	146	658534	44.648	ng		97
13) 1,4-Dichlorobenzene	7.825	146	666221	44.192	ng		98
14) 1,2-Dichlorobenzene	8.137	146	650052	44.544	ng		99
15) Benzyl Alcohol	8.025	79	586521	48.572	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.308	45	772444	46.392	ng		99
17) 2-Methylphenol	8.225	107	541309	48.875	ng		98
18) Hexachloroethane	8.861	117	253613	45.754	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	447356	44.440	ng		97
20) 3+4-Methylphenols	8.549	107	747172	48.669	ng		98
22) Acetophenone	8.602	105	925700	46.348	ng	#	98
24) Nitrobenzene	8.972	77	669544	47.583	ng		99
25) Isophorone	9.502	82	1291341	46.346	ng		98
26) 2-Nitrophenol	9.678	139	359110	49.729	ng		99
27) 2,4-Dimethylphenol	9.743	122	616027	49.605	ng		97
28) bis(2-Chloroethoxy)met...	9.966	93	792282	47.040	ng		98
29) 2,4-Dichlorophenol	10.213	162	629551	51.032	ng		98
30) 1,2,4-Trichlorobenzene	10.425	180	608202	44.974	ng		98
31) Naphthalene	10.607	128	1888650	45.625	ng		99
32) Benzoic acid	9.908	122	515480	56.224	ng		96
33) 4-Chloroaniline	10.713	127	450951	24.662	ng		99
34) Hexachlorobutadiene	10.896	225	388664	46.148	ng		99
35) Caprolactam	11.507	113	233521m	51.624	ng		
36) 4-Chloro-3-methylphenol	11.843	107	734853	51.912	ng		95
37) 2-Methylnaphthalene	12.213	142	1263780	46.913	ng		99
38) 1-Methylnaphthalene	12.437	142	1302740	45.474	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	702998	44.877	ng		99
41) Hexachlorocyclopentadiene	12.566	237	844610	89.262	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	529135	50.034	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	592451	51.115	ng	99
46) 1,1'-Biphenyl	13.225	154	1816843	46.123	ng	98
47) 2-Chloronaphthalene	13.272	162	1392441	45.407	ng	100
48) 2-Nitroaniline	13.466	65	470973	52.709	ng	96
49) Acenaphthylene	14.125	152	2335961	46.035	ng	100
50) Dimethylphthalate	13.854	163	1923497	48.428	ng	99
51) 2,6-Dinitrotoluene	13.972	165	423357	50.571	ng	94
52) Acenaphthene	14.472	154	1333260	44.762	ng	99
53) 3-Nitroaniline	14.307	138	306252	32.515	ng	96
54) 2,4-Dinitrophenol	14.513	184	518294	115.933	ng	97
55) Dibenzofuran	14.807	168	2154905	45.760	ng	98
56) 4-Nitrophenol	14.631	139	779771	100.749	ng	90
57) 2,4-Dinitrotoluene	14.772	165	614566	51.453	ng	97
58) Fluorene	15.472	166	1680951	45.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	520533	50.862	ng	98
60) Diethylphthalate	15.237	149	1984056	49.161	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	831152	44.976	ng	95
62) 4-Nitroaniline	15.490	138	454185	47.037	ng	94
63) Azobenzene	15.760	77	1878426	54.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	350723	51.578	ng	94
66) n-Nitrosodiphenylamine	15.678	169	1571731	47.250	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	585013	48.762	ng	96
68) Hexachlorobenzene	16.495	284	647628	46.567	ng	97
69) Atrazine	16.654	200	609543	48.929	ng	97
70) Pentachlorophenol	16.854	266	874797	99.646	ng	98
71) Phenanthrene	17.248	178	2736199	45.661	ng	99
72) Anthracene	17.337	178	2877852	47.028	ng	100
73) Carbazole	17.619	167	2644146	45.874	ng	99
74) Di-n-butylphthalate	18.213	149	3447802	48.618	ng	100
75) Fluoranthene	19.331	202	3141701	43.953	ng	98
77) Benzidine	19.519	184	1326808	43.542	ng	100
78) Pyrene	19.701	202	3208701	55.290	ng	100
80) Butylbenzylphthalate	20.654	149	1400983	53.266	ng	98
81) Benzo(a)anthracene	21.625	228	2805279	47.640	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	732910	33.021	ng	99
83) Chrysene	21.689	228	2621789	47.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1896634	48.987	ng	100
85) Di-n-octyl phthalate	22.854	149	3136775	47.102	ng	99
87) Indeno(1,2,3-cd)pyrene	28.854	276	3460707m	49.235	ng	
88) Benzo(b)fluoranthene	23.960	252	2744537	48.561	ng	99
89) Benzo(k)fluoranthene	24.042	252	2665398	47.128	ng	99
90) Benzo(a)pyrene	24.866	252	2619564	47.615	ng	100
91) Dibenzo(a,h)anthracene	28.936	278	2852762	49.664	ng	99
92) Benzo(g,h,i)perylene	30.048	276	2821095	49.963	ng	98

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

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