Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026001.D
Acq On : 22 Oct 2025 16:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 22 16:53:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/23/2025
Supervised By :Jagrut Upadhyay
10/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	168370	20.000	ng		0.00
21) Naphthalene-d8	10.466	136	761230	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	536314	20.000	ng		0.00
64) Phenanthrene-d10	17.136	188	1039537	20.000	ng		0.02
76) Chrysene-d12	21.589	240	757701	20.000	ng		0.00
86) Perylene-d12	24.942	264	741579	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	904825	88.109	ng		0.00
7) Phenol-d6	6.901	99	1302952	90.917	ng		0.00
23) Nitrobenzene-d5	8.848	82	1537372	90.776	ng		0.00
42) 2,4,6-Tribromophenol	15.854	330	616637	85.406	ng		0.01
45) 2-Fluorobiphenyl	12.925	172	3558975	85.056	ng		0.00
79) Terphenyl-d14	19.860	244	4678914	98.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	175810	43.220	ng		94
3) Pyridine	3.655	79	513303	45.219	ng		94
4) n-Nitrosodimethylamine	3.560	42	251977	50.652	ng		87
6) Aniline	7.037	93	863838	45.024	ng		96
8) 2-Chlorophenol	7.278	128	528131	44.376	ng		96
9) Benzaldehyde	6.860	77	358442	46.870	ng		99
10) Phenol	6.931	94	665345	45.982	ng		96
11) bis(2-Chloroethyl)ether	7.125	93	549717	46.593	ng		94
12) 1,3-Dichlorobenzene	7.590	146	575818	43.640	ng		100
13) 1,4-Dichlorobenzene	7.731	146	585765	43.572	ng		99
14) 1,2-Dichlorobenzene	8.043	146	569143	43.277	ng		100
15) Benzyl Alcohol	7.948	79	562363	46.103	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.219	45	917366	50.492	ng		97
17) 2-Methylphenol	8.160	107	467509	45.077	ng		98
18) Hexachloroethane	8.754	117	225179	43.894	ng		97
19) n-Nitroso-di-n-propyla...	8.495	70	503251	49.259	ng		95
20) 3+4-Methylphenols	8.490	107	651659	45.095	ng		97
22) Acetophenone	8.519	105	923061	44.603	ng	#	97
24) Nitrobenzene	8.890	77	695559	46.184	ng		98
25) Isophorone	9.413	82	1402059	46.094	ng		99
26) 2-Nitrophenol	9.595	139	328795	45.080	ng		95
27) 2,4-Dimethylphenol	9.660	122	561034	45.393	ng		97
28) bis(2-Chloroethoxy)met...	9.878	93	815207	45.815	ng		99
29) 2,4-Dichlorophenol	10.154	162	559713	45.449	ng		97
30) 1,2,4-Trichlorobenzene	10.325	180	602203	43.193	ng		98
31) Naphthalene	10.513	128	1786444	43.504	ng		100
32) Benzoic acid	9.901	122	408022	45.557	ng		98
33) 4-Chloroaniline	10.637	127	800264	45.890	ng		99
34) Hexachlorobutadiene	10.789	225	396441	42.965	ng		99
35) Caprolactam	11.460	113	197213	45.000	ng		87
36) 4-Chloro-3-methylphenol	11.784	107	683092	47.245	ng		96
37) 2-Methylnaphthalene	12.125	142	1200347	44.646	ng		98
38) 1-Methylnaphthalene	12.348	142	1272764	44.881	ng		99
40) 1,2,4,5-Tetrachloroben...	12.501	216	736354	42.164	ng		99
41) Hexachlorocyclopentadiene	12.472	237	346284	36.760	ng		99
43) 2,4,6-Trichlorophenol	12.760	196	498985	45.015	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	547434	45.352	ng		96
46) 1,1'-Biphenyl	13.142	154	1751427	43.232	ng		100
47) 2-Chloronaphthalene	13.189	162	1368377	43.198	ng		99
48) 2-Nitroaniline	13.413	65	471360	47.744	ng		97
49) Acenaphthylene	14.042	152	2233731	43.612	ng		99
50) Dimethylphthalate	13.783	163	1796416	44.315	ng		99
51) 2,6-Dinitrotoluene	13.907	165	390477	44.613	ng		98
52) Acenaphthene	14.383	154	1296580	43.839	ng		99
53) 3-Nitroaniline	14.254	138	396023	45.428	ng		98
54) 2,4-Dinitrophenol	14.489	184	230025	41.482	ng		96
55) Dibenzofuran	14.725	168	2058963	43.476	ng		96
56) 4-Nitrophenol	14.642	139	197339	37.327	ng		94
57) 2,4-Dinitrotoluene	14.725	165	548877	46.281	ng	#	87
58) Fluorene	15.389	166	1681389	44.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	480012	44.318	ng		97
60) Diethylphthalate	15.166	149	1815409	45.420	ng		99
61) 4-Chlorophenyl-phenyle...	15.383	204	874006	43.677	ng		98
62) 4-Nitroaniline	15.448	138	370559	45.874	ng		95
63) Azobenzene	15.683	77	1749131	46.950	ng		97
65) 4,6-Dinitro-2-methylph...	15.507	198	341328	45.430	ng		92
66) n-Nitrosodiphenylamine	15.613	169	1483720	44.362	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	555290	43.278	ng		95
68) Hexachlorobenzene	16.424	284	605671	42.078	ng		97
69) Atrazine	16.601	200	536134	44.435	ng		98
70) Pentachlorophenol	16.795	266	353622	45.506	ng		97
71) Phenanthrene	17.183	178	2613212	44.354	ng		99
72) Anthracene	17.277	178	2658211	44.169	ng		100
73) Carbazole	17.566	167	2345812	44.216	ng		99
74) Di-n-butylphthalate	18.136	149	2875174	44.036	ng		100
75) Fluoranthene	19.271	202	2792843	42.024	ng		99
77) Benzidine	19.483	184	572952	23.600	ng		99
78) Pyrene	19.648	202	2831964	50.675	ng		100
80) Butylbenzylphthalate	20.589	149	1012271	45.518	ng		95
81) Benzo(a)anthracene	21.571	228	2314336	44.659	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	774735	42.010	ng		98
83) Chrysene	21.636	228	2171762	43.829	ng		100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1317574	42.915	ng		99
85) Di-n-octyl phthalate	22.748	149	2201279	41.990	ng		98
87) Indeno(1,2,3-cd)pyrene	28.747	276	2586621	46.304	ng		99
88) Benzo(b)fluoranthene	23.859	252	2048187	44.347	ng		99
89) Benzo(k)fluoranthene	23.936	252	2119126	45.211	ng		99
90) Benzo(a)pyrene	24.771	252	2030494	45.248	ng		100
91) Dibenzo(a,h)anthracene	28.800	278	2095859	46.025	ng		99
92) Benzo(g,h,i)perylene	29.936	276	2114773m	47.397	ng		

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

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