Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
10/31/2025
Supervised By :Jagrut Upadhyay
10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	280604	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1128649	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	707800	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1418803	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1511217	20.000	ng	0.01
86) Perylene-d12	24.901	264	1625760	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1387183	81.574	ng	0.00
7) Phenol-d6	6.849	99	1759757	81.303	ng	0.00
23) Nitrobenzene-d5	8.819	82	1530296	84.525	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	638841	83.487	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4004406	81.295	ng	-0.01
79) Terphenyl-d14	19.860	244	6035163	81.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	294706	41.109	ng	99
3) Pyridine	3.625	79	830810	40.767	ng	99
4) n-Nitrosodimethylamine	3.537	42	327688	40.119	ng	99
6) Aniline	7.013	93	1165590	40.350	ng	100
8) 2-Chlorophenol	7.249	128	761619	40.445	ng	98
9) Benzaldehyde	6.825	77	434004	38.573	ng	98
10) Phenol	6.878	94	969129	40.331	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	761692	40.166	ng	99
12) 1,3-Dichlorobenzene	7.572	146	874339	40.430	ng	100
13) 1,4-Dichlorobenzene	7.713	146	881775	40.328	ng	99
14) 1,2-Dichlorobenzene	8.025	146	840270	40.273	ng	99
15) Benzyl Alcohol	7.913	79	611235	39.172	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1129141	39.397	ng	99
17) 2-Methylphenol	8.107	107	639558	40.646	ng	99
18) Hexachloroethane	8.755	117	302447	40.423	ng	98
19) n-Nitroso-di-n-propyla...	8.478	70	551327	41.034	ng	100
20) 3+4-Methylphenols	8.431	107	867573	39.634	ng	99
22) Acetophenone	8.484	105	1158478	40.585	ng	100
24) Nitrobenzene	8.860	77	805808	42.154	ng	99
25) Isophorone	9.384	82	1565736	40.404	ng	99
26) 2-Nitrophenol	9.566	139	270435	38.969	ng	96
27) 2,4-Dimethylphenol	9.625	122	664927	40.803	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	992102	40.623	ng	100
29) 2,4-Dichlorophenol	10.096	162	716320	41.631	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	770124	41.179	ng	99
31) Naphthalene	10.502	128	2517121	40.897	ng	100
32) Benzoic acid	9.737	122	340315	37.627	ng	93
33) 4-Chloroaniline	10.596	127	985002	41.648	ng	99
34) Hexachlorobutadiene	10.796	225	488259	41.083	ng	99
35) Caprolactam	11.349	113	242516	40.137	ng	95
36) 4-Chloro-3-methylphenol	11.719	107	748192	41.480	ng	98
37) 2-Methylnaphthalene	12.107	142	1749924	40.623	ng	99
38) 1-Methylnaphthalene	12.331	142	1713086	40.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	900603	40.951	ng	99
41) Hexachlorocyclopentadiene	12.472	237	308571	38.348	ng	97
43) 2,4,6-Trichlorophenol	12.719	196	544851	41.914	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	618469	41.696	ng	97
46) 1,1'-Biphenyl	13.131	154	2189844	40.406	ng	99
47) 2-Chloronaphthalene	13.172	162	1727355	40.509	ng	99
48) 2-Nitroaniline	13.366	65	416997	38.606	ng	97
49) Acenaphthylene	14.025	152	2545640	40.959	ng	100
50) Dimethylphthalate	13.760	163	2083950	40.477	ng	100
51) 2,6-Dinitrotoluene	13.872	165	369131	38.999	ng	97
52) Acenaphthene	14.372	154	1751906	41.060	ng	100
53) 3-Nitroaniline	14.201	138	458705	40.012	ng	97
54) 2,4-Dinitrophenol	14.407	184	132236	38.351	ng	96
55) Dibenzofuran	14.713	168	2612023	40.520	ng	100
56) 4-Nitrophenol	14.507	139	387193	37.715	ng	99
57) 2,4-Dinitrotoluene	14.666	165	543018	39.067	ng	97
58) Fluorene	15.378	166	2047888	40.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	486362	41.703	ng	100
60) Diethylphthalate	15.160	149	2057780	39.757	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	1004103	39.813	ng	98
62) 4-Nitroaniline	15.378	138	484176	44.010	ng	98
63) Azobenzene	15.672	77	1909013	40.697	ng	100
65) 4,6-Dinitro-2-methylph...	15.442	198	208024	38.703	ng	100
66) n-Nitrosodiphenylamine	15.589	169	1773887	39.988	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	630337	40.051	ng	99
68) Hexachlorobenzene	16.407	284	726440	40.547	ng	100
69) Atrazine	16.578	200	593858	39.684	ng	98
70) Pentachlorophenol	16.754	266	429716	39.267	ng	99
71) Phenanthrene	17.166	178	3349295	40.558	ng	100
72) Anthracene	17.254	178	3324791	40.616	ng	100
73) Carbazole	17.536	167	3170495	40.916	ng	100
74) Di-n-butylphthalate	18.154	149	3468314	40.001	ng	100
75) Fluoranthene	19.260	202	3898871	40.473	ng	99
77) Benzidine	19.448	184	1503860	39.205	ng	100
78) Pyrene	19.636	202	4160171	40.702	ng	100
80) Butylbenzylphthalate	20.607	149	1323012	35.613	ng	100
81) Benzo(a)anthracene	21.560	228	4241528	40.844	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1343349	40.149	ng	100
83) Chrysene	21.624	228	3991308	40.574	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2163572	36.199	ng	100
85) Di-n-octyl phthalate	22.819	149	3303174	36.718	ng	100
87) Indeno(1,2,3-cd)pyrene	28.671	276	5019364m	41.819	ng	
88) Benzo(b)fluoranthene	23.848	252	4231748	41.929	ng	99
89) Benzo(k)fluoranthene	23.924	252	4233673	41.079	ng	99
90) Benzo(a)pyrene	24.754	252	3870587	41.745	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	4102608	42.003	ng	100
92) Benzo(g,h,i)perylene	29.842	276	3910516	41.605	ng	99

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

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