Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
Data File : BP026188.D
Acq On : 21 Nov 2025 17:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 21 18:11:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.660	152	266082	20.000	ng		-0.01
21) Naphthalene-d8	10.437	136	1011553	20.000	ng		-0.01
39) Acenaphthene-d10	14.307	164	611414	20.000	ng		-0.02
64) Phenanthrene-d10	17.119	188	1203128	20.000	ng		-0.01
76) Chrysene-d12	21.577	240	1292254	20.000	ng		0.00
86) Perylene-d12	24.918	264	1522656	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.278	112	1365967	82.399	ng		-0.01
7) Phenol-d6	6.837	99	1655449	78.441	ng		-0.02
23) Nitrobenzene-d5	8.802	82	1468850	82.481	ng		-0.01
42) 2,4,6-Tribromophenol	15.819	330	633689	79.895	ng		-0.02
45) 2-Fluorobiphenyl	12.913	172	3434346	82.323	ng		-0.02
79) Terphenyl-d14	19.866	244	5124279	80.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	276318	41.095	ng		99
3) Pyridine	3.608	79	771229	39.689	ng		99
4) n-Nitrosodimethylamine	3.519	42	280815	38.667	ng		100
6) Aniline	6.996	93	1051610	37.740	ng		99
8) 2-Chlorophenol	7.231	128	747133	39.595	ng		100
9) Benzaldehyde	6.808	77	484785	43.834	ng		98
10) Phenol	6.866	94	876879	38.569	ng		99
11) bis(2-Chloroethyl)ether	7.090	93	681080	38.260	ng		98
12) 1,3-Dichlorobenzene	7.549	146	812129	39.949	ng		100
13) 1,4-Dichlorobenzene	7.696	146	811508	39.615	ng		100
14) 1,2-Dichlorobenzene	8.007	146	777713	39.537	ng		99
15) Benzyl Alcohol	7.896	79	581870	37.634	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	945919	37.836	ng		99
17) 2-Methylphenol	8.096	107	580000	37.476	ng		99
18) Hexachloroethane	8.731	117	301472	40.447	ng		96
19) n-Nitroso-di-n-propyla...	8.460	70	483335	36.865	ng		100
20) 3+4-Methylphenols	8.425	107	785762	36.639	ng		98
22) Acetophenone	8.466	105	1030390	40.075	ng	#	99
24) Nitrobenzene	8.843	77	735871	40.850	ng		99
25) Isophorone	9.372	82	1358184	38.471	ng		100
26) 2-Nitrophenol	9.543	139	379554	41.640	ng		98
27) 2,4-Dimethylphenol	9.613	122	610617	37.150	ng		98
28) bis(2-Chloroethoxy)met...	9.849	93	862697	39.017	ng		99
29) 2,4-Dichlorophenol	10.090	162	651696	39.670	ng		99
30) 1,2,4-Trichlorobenzene	10.301	180	686455	41.035	ng		98
31) Naphthalene	10.484	128	2174984	39.785	ng		99
32) Benzoic acid	9.743	122	503029	36.342	ng		99
33) 4-Chloroaniline	10.578	127	895836	38.532	ng		99
34) Hexachlorobutadiene	10.778	225	452829	41.621	ng		99
35) Caprolactam	11.366	113	209756	35.658	ng		99
36) 4-Chloro-3-methylphenol	11.719	107	669479	38.343	ng		98
37) 2-Methylnaphthalene	12.101	142	1502660	38.772	ng		99
38) 1-Methylnaphthalene	12.325	142	1475890	38.960	ng		99
40) 1,2,4,5-Tetrachloroben...	12.472	216	770772	41.691	ng		99
41) Hexachlorocyclopentadiene	12.460	237	491722	40.640	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	516634	40.762	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	561351	39.678	ng		99
46)	1,1'-Biphenyl	13.125	154	1835633	39.871	ng		99
47)	2-Chloronaphthalene	13.166	162	1458984	40.300	ng		99
48)	2-Nitroaniline	13.366	65	404038	40.133	ng		97
49)	Acenaphthylene	14.025	152	2391045	40.040	ng		100
50)	Dimethylphthalate	13.760	163	1749009	38.300	ng		100
51)	2,6-Dinitrotoluene	13.866	165	361570	39.959	ng		97
52)	Acenaphthene	14.372	154	1395263	39.869	ng		100
53)	3-Nitroaniline	14.195	138	407772	38.274	ng		100
54)	2,4-Dinitrophenol	14.413	184	195416	35.777	ng		99
55)	Dibenzofuran	14.713	168	2138225	39.448	ng		100
56)	4-Nitrophenol	14.519	139	337305	34.997	ng		97
57)	2,4-Dinitrotoluene	14.672	165	526138	38.942	ng		98
58)	Fluorene	15.378	166	1692585	39.507	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.948	232	465930	38.820	ng		99
60)	Diethylphthalate	15.148	149	1744077	37.913	ng		100
61)	4-Chlorophenyl-phenyle...	15.372	204	841467	39.474	ng		98
62)	4-Nitroaniline	15.384	138	413104	37.340	ng		98
63)	Azobenzene	15.672	77	1525461	39.327	ng		99
65)	4,6-Dinitro-2-methylph...	15.448	198	285375	37.337	ng		96
66)	n-Nitrosodiphenylamine	15.589	169	1497801	40.244	ng		100
67)	4-Bromophenyl-phenylether	16.289	248	539620	40.499	ng		98
68)	Hexachlorobenzene	16.401	284	622765	40.279	ng		98
69)	Atrazine	16.572	200	553868	39.465	ng		99
70)	Pentachlorophenol	16.760	266	427501	39.527	ng		100
71)	Phenanthrene	17.160	178	2694809	39.761	ng		99
72)	Anthracene	17.248	178	2757591	39.892	ng		100
73)	Carbazole	17.530	167	2565486	39.075	ng		100
74)	Di-n-butylphthalate	18.142	149	3146628	40.426	ng		99
75)	Fluoranthene	19.254	202	3077554	37.373	ng		99
77)	Benzidine	19.454	184	1225147	29.874	ng		99
78)	Pyrene	19.636	202	3347985	39.513	ng		100
80)	Butylbenzylphthalate	20.607	149	1476640	39.573	ng		99
81)	Benzo(a)anthracene	21.554	228	3509586	39.544	ng		100
82)	3,3'-Dichlorobenzidine	21.483	252	1265680	39.216	ng		98
83)	Chrysene	21.624	228	3296928	39.417	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.524	149	2224362	39.379	ng		99
85)	Di-n-octyl phthalate	22.801	149	3921896	39.708	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	28.695	276	4542239m	39.776	ng		
88)	Benzo(b)fluoranthene	23.865	252	3696478	39.864	ng		99
89)	Benzo(k)fluoranthene	23.936	252	3629026	39.183	ng		99
90)	Benzo(a)pyrene	24.760	252	3483899	39.665	ng		99
91)	Dibenzo(a,h)anthracene	28.800	278	3705341	39.638	ng		99
92)	Benzo(g,h,i)perylene	29.865	276	3643218	39.211	ng		99

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

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