Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026126.D
Acq On : 13 Nov 2025 13:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 13 13:45:32 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	326955	20.000	ng		-0.02
21) Naphthalene-d8	10.437	136	1332769	20.000	ng		-0.02
39) Acenaphthene-d10	14.307	164	834342	20.000	ng		-0.01
64) Phenanthrene-d10	17.119	188	1683318	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1774810	20.000	ng		0.02
86) Perylene-d12	24.918	264	1968616	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1650934	83.320	ng		0.00
7) Phenol-d6	6.849	99	2102110	83.352	ng		0.00
23) Nitrobenzene-d5	8.807	82	1871122	87.521	ng		-0.02
42) 2,4,6-Tribromophenol	15.831	330	881610	97.739	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4610097	79.396	ng		0.00
79) Terphenyl-d14	19.866	244	7109511	81.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	328817	39.365	ng		96
3) Pyridine	3.619	79	945781	39.830	ng		95
4) n-Nitrosodimethylamine	3.525	42	346762	36.436	ng		89
6) Aniline	7.002	93	1331826	39.569	ng		98
8) 2-Chlorophenol	7.243	128	950683	43.328	ng		97
9) Benzaldehyde	6.819	77	482317	36.790	ng		94
10) Phenol	6.872	94	1145102	40.899	ng		98
11) bis(2-Chloroethyl)ether	7.096	93	882356	39.933	ng		99
12) 1,3-Dichlorobenzene	7.560	146	1024213	40.647	ng		99
13) 1,4-Dichlorobenzene	7.702	146	1018615	39.982	ng		99
14) 1,2-Dichlorobenzene	8.019	146	983454	40.454	ng		100
15) Benzyl Alcohol	7.907	79	740792	40.745	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	1195702	35.805	ng		97
17) 2-Methylphenol	8.107	107	756767	41.277	ng		99
18) Hexachloroethane	8.737	117	371211	42.580	ng		98
19) n-Nitroso-di-n-propyla...	8.466	70	632118	40.378	ng		96
20) 3+4-Methylphenols	8.425	107	1040539	40.797	ng		98
22) Acetophenone	8.478	105	1339155	39.730	ng		98
24) Nitrobenzene	8.849	77	957700	42.427	ng		99
25) Isophorone	9.378	82	1822249	39.822	ng		100
26) 2-Nitrophenol	9.560	139	488686	58.213	ng		95
27) 2,4-Dimethylphenol	9.619	122	773131	40.177	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1152508	39.964	ng		100
29) 2,4-Dichlorophenol	10.090	162	895748	44.086	ng		100
30) 1,2,4-Trichlorobenzene	10.307	180	901260	40.811	ng		97
31) Naphthalene	10.490	128	2909640	40.034	ng		100
32) Benzoic acid	9.748	122	626774	52.145	ng		94
33) 4-Chloroaniline	10.595	127	1122201	40.182	ng		99
34) Hexachlorobutadiene	10.784	225	586598	41.799	ng		99
35) Caprolactam	11.372	113	301765	42.293	ng	#	86
36) 4-Chloro-3-methylphenol	11.725	107	914096	42.917	ng		98
37) 2-Methylnaphthalene	12.101	142	2024670	39.803	ng		100
38) 1-Methylnaphthalene	12.331	142	1962439	39.711	ng		98
40) 1,2,4,5-Tetrachloroben...	12.478	216	1073019	41.391	ng		99
41) Hexachlorocyclopentadiene	12.466	237	417971	44.066	ng		99
43) 2,4,6-Trichlorophenol	12.731	196	716646	46.769	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	794154	45.420	ng	98
46) 1,1'-Biphenyl	13.137	154	2538547	39.736	ng	99
47) 2-Chloronaphthalene	13.172	162	2013728	40.062	ng	99
48) 2-Nitroaniline	13.378	65	556493	43.322	ng	94
49) Acenaphthylene	14.031	152	2965032	40.472	ng	100
50) Dimethylphthalate	13.772	163	2499739	41.189	ng	100
51) 2,6-Dinitrotoluene	13.878	165	512840	45.430	ng	93
52) Acenaphthene	14.378	154	1971079m	39.191	ng	
53) 3-Nitroaniline	14.207	138	583617	42.978	ng	97
54) 2,4-Dinitrophenol	14.419	184	260803	56.374	ng	94
55) Dibenzofuran	14.719	168	3038034	39.980	ng	99
56) 4-Nitrophenol	14.531	139	525310	43.408	ng	94
57) 2,4-Dinitrotoluene	14.672	165	760031	45.808	ng	94
58) Fluorene	15.378	166	2378632	39.955	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	666739	48.499	ng	98
60) Diethylphthalate	15.166	149	2519404	41.293	ng	100
61) 4-Chlorophenyl-phenyle...	15.383	204	1195120	40.200	ng	97
62) 4-Nitroaniline	15.395	138	606095	46.736	ng	97
63) Azobenzene	15.678	77	2152855	38.934	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	398064	55.655	ng	93
66) n-Nitrosodiphenylamine	15.601	169	2074868	39.423	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	768180	41.140	ng	99
68) Hexachlorobenzene	16.413	284	888368	41.793	ng	99
69) Atrazine	16.583	200	734620	41.376	ng	99
70) Pentachlorophenol	16.760	266	601684	46.341	ng	99
71) Phenanthrene	17.166	178	3859743	39.394	ng	100
72) Anthracene	17.266	178	3914724	40.308	ng	99
73) Carbazole	17.536	167	3687910	40.114	ng	99
74) Di-n-butylphthalate	18.148	149	4449137	43.249	ng	100
75) Fluoranthene	19.266	202	4623116	40.450	ng	98
77) Benzidine	19.454	184	1466690	32.557	ng	99
78) Pyrene	19.648	202	4815558	40.117	ng	99
80) Butylbenzylphthalate	20.607	149	2055694	46.020	ng	97
81) Benzo(a)anthracene	21.566	228	4907104	40.235	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1677298	42.685	ng	100
83) Chrysene	21.636	228	4572339	39.577	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	3064552	43.123	ng	99
85) Di-n-octyl phthalate	22.813	149	5364803	50.778	ng	96
87) Indeno(1,2,3-cd)pyrene	28.712	276	6057779m	41.681	ng	
88) Benzo(b)fluoranthene	23.854	252	4991254	40.842	ng	100
89) Benzo(k)fluoranthene	23.936	252	4952029	39.681	ng	99
90) Benzo(a)pyrene	24.754	252	4653176	41.445	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	4933967	41.717	ng	98
92) Benzo(g,h,i)perylene	29.871	276	4734766	41.601	ng	99

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

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