Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026258.D
Acq On : 09 Dec 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 12:31:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.655	152	228234	20.000	ng		0.00
21) Naphthalene-d8	10.419	136	860796	20.000	ng		0.00
39) Acenaphthene-d10	14.284	164	547767	20.000	ng		0.00
64) Phenanthrene-d10	17.089	188	1085371	20.000	ng		0.00
76) Chrysene-d12	21.524	240	1187582	20.000	ng		-0.01
86) Perylene-d12	24.813	264	1381605	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.278	112	1136586	80.061	ng		0.00
7) Phenol-d6	6.837	99	1373211	76.631	ng		0.00
23) Nitrobenzene-d5	8.796	82	1291453	85.398	ng		0.00
42) 2,4,6-Tribromophenol	15.795	330	642611	90.210	ng		-0.01
45) 2-Fluorobiphenyl	12.890	172	3224719	85.590	ng		-0.01
79) Terphenyl-d14	19.825	244	5053005	86.966	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	241426	41.821	ng		98
3) Pyridine	3.608	79	667407	40.256	ng		99
4) n-Nitrosodimethylamine	3.520	42	243360	39.361	ng		96
6) Aniline	6.990	93	874649	37.196	ng		99
8) 2-Chlorophenol	7.225	128	639498	39.642	ng		99
9) Benzaldehyde	6.808	77	459515	47.567	ng		98
10) Phenol	6.861	94	739871	38.383	ng		96
11) bis(2-Chloroethyl)ether	7.084	93	578564	38.283	ng		97
12) 1,3-Dichlorobenzene	7.543	146	723400	41.441	ng		100
13) 1,4-Dichlorobenzene	7.690	146	718941	40.870	ng		99
14) 1,2-Dichlorobenzene	8.002	146	692099	40.988	ng		99
15) Benzyl Alcohol	7.884	79	502882	38.604	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	801795	38.012	ng		99
17) 2-Methylphenol	8.096	107	506277	38.699	ng		99
18) Hexachloroethane	8.719	117	267875	41.922	ng		98
19) n-Nitroso-di-n-propyla...	8.449	70	424481	38.428	ng		100
20) 3+4-Methylphenols	8.419	107	682624	37.786	ng		97
22) Acetophenone	8.460	105	902586	41.337	ng	#	99
24) Nitrobenzene	8.831	77	640612	41.908	ng		99
25) Isophorone	9.360	82	1238452	41.742	ng		99
26) 2-Nitrophenol	9.531	139	335120	43.361	ng		96
27) 2,4-Dimethylphenol	9.602	122	539345	39.428	ng		97
28) bis(2-Chloroethoxy)met...	9.831	93	754834	40.482	ng		99
29) 2,4-Dichlorophenol	10.072	162	594539	42.647	ng		99
30) 1,2,4-Trichlorobenzene	10.284	180	622511	43.440	ng		99
31) Naphthalene	10.466	128	1938842	41.663	ng		99
32) Benzoic acid	9.749	122	498950	45.533	ng		99
33) 4-Chloroaniline	10.572	127	799563	41.012	ng		100
34) Hexachlorobutadiene	10.754	225	418077	44.682	ng		99
35) Caprolactam	11.354	113	198019	40.224	ng		93
36) 4-Chloro-3-methylphenol	11.701	107	621810	42.392	ng		100
37) 2-Methylnaphthalene	12.078	142	1374328	41.902	ng		100
38) 1-Methylnaphthalene	12.301	142	1356423	42.331	ng		100
40) 1,2,4,5-Tetrachloroben...	12.448	216	730573	43.691	ng		99
41) Hexachlorocyclopentadiene	12.431	237	464353	44.519	ng		98
43) 2,4,6-Trichlorophenol	12.690	196	491828	43.279	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.760	196	550421	43.489	ng	98
46)	1,1'-Biphenyl	13.095	154	1728947	41.800	ng	99
47)	2-Chloronaphthalene	13.137	162	1365376	41.899	ng	100
48)	2-Nitroaniline	13.337	65	373332	41.828	ng	99
49)	Acenaphthylene	13.995	152	2250174	42.077	ng	99
50)	Dimethylphthalate	13.725	163	1741315	42.663	ng	100
51)	2,6-Dinitrotoluene	13.842	165	364015	45.130	ng	97
52)	Acenaphthene	14.342	154	1290215	41.261	ng	100
53)	3-Nitroaniline	14.172	138	381572	40.470	ng	99
54)	2,4-Dinitrophenol	14.390	184	235380	54.736	ng	96
55)	Dibenzofuran	14.690	168	2050917	42.175	ng	100
56)	4-Nitrophenol	14.501	139	332263	39.466	ng	95
57)	2,4-Dinitrotoluene	14.654	165	531449	44.292	ng	96
58)	Fluorene	15.348	166	1633809	42.470	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.919	232	473417	44.192	ng	99
60)	Diethylphthalate	15.125	149	1741786	42.548	ng	100
61)	4-Chlorophenyl-phenyle...	15.348	204	834714	43.517	ng	99
62)	4-Nitroaniline	15.360	138	393548	40.217	ng	96
63)	Azobenzene	15.648	77	1433742	41.651	ng	99
65)	4,6-Dinitro-2-methylph...	15.425	198	317566	49.538	ng	97
66)	n-Nitrosodiphenylamine	15.566	169	1440988	42.940	ng	100
67)	4-Bromophenyl-phenylether	16.266	248	542761	45.107	ng	99
68)	Hexachlorobenzene	16.384	284	639575	45.735	ng	96
69)	Atrazine	16.548	200	543634	43.086	ng	99
70)	Pentachlorophenol	16.731	266	428147	44.133	ng	99
71)	Phenanthrene	17.131	178	2606484	42.598	ng	100
72)	Anthracene	17.225	178	2705133	43.406	ng	100
73)	Carbazole	17.501	167	2442044	41.391	ng	99
74)	Di-n-butylphthalate	18.107	149	3003088	43.084	ng	100
75)	Fluoranthene	19.225	202	3153268	42.345	ng	98
77)	Benzidine	19.425	184	1347327	36.135	ng	99
78)	Pyrene	19.601	202	3272293	42.284	ng	100
80)	Butylbenzylphthalate	20.566	149	1434295	42.230	ng	98
81)	Benzo(a)anthracene	21.507	228	3322550	40.785	ng	100
82)	3,3'-Dichlorobenzidine	21.436	252	1195913	40.348	ng	100
83)	Chrysene	21.572	228	3240849	42.015	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.466	149	2138045	41.849	ng	100
85)	Di-n-octyl phthalate	22.724	149	3716884	41.267	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.530	276	4363003m	41.785	ng	
88)	Benzo(b)fluoranthene	23.777	252	3507213	41.769	ng	98
89)	Benzo(k)fluoranthene	23.848	252	3446566	41.034	ng	99
90)	Benzo(a)pyrene	24.654	252	3302518	41.478	ng	99
91)	Dibenzo(a,h)anthracene	28.630	278	3554416	41.618	ng	98
92)	Benzo(g,h,i)perylene	29.689	276	3567876	41.906	ng	98

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

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