Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064902.D
Acq On : 9 Dec 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 13:28:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
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	8.155	152	22681	20.000	ng		-0.01
21) Naphthalene-d8	10.969	136	86644	20.000	ng		#-0.02
39) Acenaphthene-d10	14.764	164	75628	20.000	ng		-0.01
64) Phenanthrene-d10	17.497	188	198640	20.000	ng		# 0.00
76) Chrysene-d12	21.745	240	254353	20.000	ng		#-0.01
86) Perylene-d12	25.000	264	284602	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	95151	73.257	ng		0.00
7) Phenol-d6	7.303	99	127740	73.943	ng		0.00
23) Nitrobenzene-d5	9.318	82	139527	79.620	ng		-0.01
42) 2,4,6-Tribromophenol	16.245	330	145712	98.789	ng		0.00
45) 2-Fluorobiphenyl	13.395	172	447458	82.556	ng		-0.01
79) Terphenyl-d14	20.082	244	1182765	91.472	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	19680	39.138	ng		96
3) Pyridine	3.930	79	64517	43.062	ng		97
4) n-Nitrosodimethylamine	3.836	42	33895	44.450	ng		97
6) Aniline	7.467	93	84072	36.511	ng		98
8) 2-Chlorophenol	7.714	128	56752	39.793	ng		100
9) Benzaldehyde	7.279	77	27063	23.932	ng		97
10) Phenol	7.326	94	69509	36.980	ng		98
11) bis(2-Chloroethyl)ether	7.561	93	48072	35.941	ng		93
12) 1,3-Dichlorobenzene	8.049	146	64253	39.152	ng		98
13) 1,4-Dichlorobenzene	8.190	146	66263	39.653	ng		96
14) 1,2-Dichlorobenzene	8.513	146	63055	38.916	ng		97
15) Benzyl Alcohol	8.384	79	56739	40.013	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.677	45	99949	31.571	ng		96
17) 2-Methylphenol	8.589	107	50883	38.259	ng		95
18) Hexachloroethane	9.253	117	25061	39.596	ng		85
19) n-Nitroso-di-n-propyla...	8.954	70	42903	36.730	ng		93
20) 3+4-Methylphenols	8.918	107	69076	37.912	ng		98
22) Acetophenone	8.977	105	95158	40.312	ng	#	97
24) Nitrobenzene	9.359	77	68334	38.592	ng		99
25) Isophorone	9.882	82	129822	38.902	ng		97
26) 2-Nitrophenol	10.076	139	34918	43.843	ng		98
27) 2,4-Dimethylphenol	10.129	122	57035	40.310	ng		96
28) bis(2-Chloroethoxy)met...	10.358	93	68464	37.370	ng		100
29) 2,4-Dichlorophenol	10.616	162	65608	43.189	ng		97
30) 1,2,4-Trichlorobenzene	10.834	180	80187	43.715	ng		94
31) Naphthalene	11.022	128	194026	39.503	ng		100
32) Benzoic acid	10.240	122	37277m	38.637	ng		
33) 4-Chloroaniline	11.122	127	81466	41.463	ng		97
34) Hexachlorobutadiene	11.310	225	75244	47.808	ng		92
35) Caprolactam	11.880	113	19446	42.800	ng	#	78
36) 4-Chloro-3-methylphenol	12.226	107	70012	41.408	ng		97
37) 2-Methylnaphthalene	12.614	142	148194	40.319	ng		98
38) 1-Methylnaphthalene	12.831	142	151816	41.581	ng		99
40) 1,2,4,5-Tetrachloroben...	12.978	216	127194	43.216	ng		99
41) Hexachlorocyclopentadiene	12.961	237	93385	44.266	ng		96
43) 2,4,6-Trichlorophenol	13.207	196	76909	44.523	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	84678	43.707	ng		99
46) 1,1'-Biphenyl	13.607	154	216162	39.795	ng		99
47) 2-Chloronaphthalene	13.654	162	169236	39.547	ng		98
48) 2-Nitroaniline	13.842	65	52436	38.096	ng		97
49) Acenaphthylene	14.494	152	294018	40.216	ng		98
50) Dimethylphthalate	14.212	163	252174	42.211	ng		98
51) 2,6-Dinitrotoluene	14.330	165	48671	42.339	ng		91
52) Acenaphthene	14.829	154	181897	41.496	ng		97
53) 3-Nitroaniline	14.659	138	46145	40.671	ng		90
54) 2,4-Dinitrophenol	14.858	184	32353	45.261	ng		93
55) Dibenzofuran	15.164	168	300191	41.423	ng		94
56) 4-Nitrophenol	14.958	139	34903	38.773	ng		91
57) 2,4-Dinitrotoluene	15.111	165	74795	43.399	ng		97
58) Fluorene	15.804	166	228737	40.243	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.381	232	92096	48.178	ng	#	94
60) Diethylphthalate	15.564	149	247253	43.204	ng		97
61) 4-Chlorophenyl-phenyle...	15.793	204	153668	45.050	ng		96
62) 4-Nitroaniline	15.810	138	47536	40.442	ng		97
63) Azobenzene	16.086	77	175380	36.844	ng		93
65) 4,6-Dinitro-2-methylph...	15.869	198	51945	47.099	ng		92
66) n-Nitrosodiphenylamine	16.004	169	211755	40.698	ng		99
67) 4-Bromophenyl-phenylether	16.686	248	119461	45.795	ng		93
68) Hexachlorobenzene	16.809	284	143998	45.563	ng		92
69) Atrazine	16.938	200	105005	41.859	ng		98
70) Pentachlorophenol	17.144	266	79538	45.405	ng		98
71) Phenanthrene	17.538	178	431451	39.698	ng		99
72) Anthracene	17.632	178	441484	39.838	ng		99
73) Carbazole	17.890	167	363119	38.115	ng		99
74) Di-n-butylphthalate	18.442	149	428412	40.307	ng		99
75) Fluoranthene	19.535	202	596389	40.129	ng		97
77) Benzidine	19.700	184	231092	30.337	ng		98
78) Pyrene	19.894	202	608181	42.663	ng		98
80) Butylbenzylphthalate	20.757	149	188681	37.630	ng		94
81) Benzo(a)anthracene	21.727	228	692468	40.039	ng		98
82) 3,3'-Dichlorobenzidine	21.633	252	251854	39.564	ng		98
83) Chrysene	21.792	228	648070	39.746	ng		99
84) Bis(2-ethylhexyl)phtha...	21.621	149	265758	36.271	ng		99
85) Di-n-octyl phthalate	22.843	149	450403	35.562	ng		97
87) Indeno(1,2,3-cd)pyrene	28.725	276	896223	45.835	ng	#	98
88) Benzo(b)fluoranthene	23.965	252	705127	38.932	ng	#	99
89) Benzo(k)fluoranthene	24.030	252	688512	37.839	ng	#	99
90) Benzo(a)pyrene	24.847	252	653572	38.901	ng	#	97
91) Dibenzo(a,h)anthracene	28.789	278	727441	45.413	ng		97
92) Benzo(g,h,i)perylene	29.888	276	730582	47.391	ng		98

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

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