Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064756.D
Acq On : 13 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 13 15:42:14 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 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	8.164	152	35112	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	138078	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	109512	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	269959	20.000	ng		0.00
76) Chrysene-d12	21.760	240	348735	20.000	ng		0.00
86) Perylene-d12	25.015	264	372397	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	158887	79.019	ng		0.00
7) Phenol-d6	7.306	99	216084	80.798	ng		0.00
23) Nitrobenzene-d5	9.327	82	223687	80.098	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	169555	79.386	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	628526	80.083	ng		0.00
79) Terphenyl-d14	20.091	244	1488614	83.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	31567	40.552	ng		100
3) Pyridine	3.945	79	93419	40.278	ng		96
4) n-Nitrosodimethylamine	3.851	42	45720	38.730	ng		90
6) Aniline	7.482	93	146095	40.983	ng		98
8) 2-Chlorophenol	7.723	128	90959	41.198	ng		96
9) Benzaldehyde	7.294	77	67643	38.639	ng		93
10) Phenol	7.335	94	118188	40.617	ng		98
11) bis(2-Chloroethyl)ether	7.570	93	85528	41.306	ng		97
12) 1,3-Dichlorobenzene	8.058	146	101690	40.027	ng		99
13) 1,4-Dichlorobenzene	8.199	146	103814	40.130	ng		98
14) 1,2-Dichlorobenzene	8.528	146	101006	40.268	ng		95
15) Benzyl Alcohol	8.393	79	89684	40.855	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.693	45	199067	40.617	ng		98
17) 2-Methylphenol	8.599	107	84001	40.799	ng		97
18) Hexachloroethane	9.263	117	38257	39.045	ng		95
19) n-Nitroso-di-n-propyla...	8.969	70	75836	41.938	ng		96
20) 3+4-Methylphenols	8.928	107	113335	40.181	ng		96
22) Acetophenone	8.986	105	153912	40.914	ng	#	98
24) Nitrobenzene	9.368	77	116726	41.366	ng		93
25) Isophorone	9.897	82	213488	40.143	ng		97
26) 2-Nitrophenol	10.085	139	52234	41.155	ng		94
27) 2,4-Dimethylphenol	10.138	122	93669	41.541	ng		98
28) bis(2-Chloroethoxy)met...	10.373	93	119986	41.096	ng		99
29) 2,4-Dichlorophenol	10.620	162	100607	41.559	ng		99
30) 1,2,4-Trichlorobenzene	10.843	180	116090	39.713	ng		98
31) Naphthalene	11.031	128	310092	39.617	ng		99
32) Benzoic acid	10.250	122	56140m	36.836	ng		
33) 4-Chloroaniline	11.131	127	127381	40.682	ng		97
34) Hexachlorobutadiene	11.325	225	98806	39.394	ng		97
35) Caprolactam	11.889	113	28502	39.364	ng		93
36) 4-Chloro-3-methylphenol	12.236	107	107863	40.031	ng		98
37) 2-Methylnaphthalene	12.623	142	232272	39.654	ng		96
38) 1-Methylnaphthalene	12.841	142	227626	39.121	ng		97
40) 1,2,4,5-Tetrachloroben...	12.988	216	169329	39.731	ng		98
41) Hexachlorocyclopentadiene	12.970	237	123985	40.587	ng		94
43) 2,4,6-Trichlorophenol	13.217	196	102456	40.960	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	115145	41.043	ng		96
46)	1,1'-Biphenyl	13.616	154	315354	40.093	ng		97
47)	2-Chloronaphthalene	13.663	162	243204	39.247	ng		99
48)	2-Nitroaniline	13.851	65	80098	40.188	ng		95
49)	Acenaphthylene	14.498	152	422723	39.931	ng		99
50)	Dimethylphthalate	14.222	163	345261	39.911	ng		98
51)	2,6-Dinitrotoluene	14.333	165	69259	41.607	ng		95
52)	Acenaphthene	14.838	154	260766	41.082	ng		98
53)	3-Nitroaniline	14.662	138	68983	41.988	ng		95
54)	2,4-Dinitrophenol	14.868	184	36779	37.378	ng		88
55)	Dibenzofuran	15.167	168	415210	39.567	ng		97
56)	4-Nitrophenol	14.956	139	52979	40.643	ng		95
57)	2,4-Dinitrotoluene	15.115	165	105473	42.264	ng	#	98
58)	Fluorene	15.814	166	322998	39.244	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.391	232	114943	41.526	ng		97
60)	Diethylphthalate	15.573	149	335535	40.489	ng		99
61)	4-Chlorophenyl-phenyle...	15.802	204	197603	40.006	ng		98
62)	4-Nitroaniline	15.820	138	71058	41.749	ng		98
63)	Azobenzene	16.096	77	274587	39.837	ng		97
65)	4,6-Dinitro-2-methylph...	15.878	198	66266	44.211	ng		94
66)	n-Nitrosodiphenylamine	16.014	169	296696	41.959	ng		99
67)	4-Bromophenyl-phenylether	16.695	248	147463	41.596	ng		97
68)	Hexachlorobenzene	16.813	284	176897	41.185	ng		97
69)	Atrazine	16.948	200	137430	40.311	ng		98
70)	Pentachlorophenol	17.153	266	90794	39.121	ng		97
71)	Phenanthrene	17.547	178	597759	40.470	ng		99
72)	Anthracene	17.635	178	609140	40.445	ng		100
73)	Carbazole	17.900	167	516449	39.888	ng		99
74)	Di-n-butylphthalate	18.452	149	586983	40.636	ng		99
75)	Fluoranthene	19.539	202	802543	39.735	ng		100
77)	Benzidine	19.709	184	380633	36.445	ng		98
78)	Pyrene	19.897	202	823906	42.154	ng		98
80)	Butylbenzylphthalate	20.773	149	281927	41.009	ng		95
81)	Benzo(a)anthracene	21.736	228	950617	40.089	ng		98
82)	3,3'-Dichlorobenzidine	21.642	252	340561	39.020	ng		100
83)	Chrysene	21.807	228	901170	40.310	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.636	149	405952	40.410	ng		99
85)	Di-n-octyl phthalate	22.864	149	694200	39.977	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.752	276	1058201	41.360	ng	#	95
88)	Benzo(b)fluoranthene	23.981	252	951045	40.131	ng		99
89)	Benzo(k)fluoranthene	24.051	252	939624	39.465	ng		100
90)	Benzo(a)pyrene	24.868	252	875703	39.834	ng		99
91)	Dibenzo(a,h)anthracene	28.810	278	869772	41.497	ng		96
92)	Benzo(g,h,i)perylene	29.915	276	833495	41.320	ng		97

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

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