Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064713.D
Acq On : 7 Nov 2025 11:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 11:43:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.200	152	36743	20.000	ng		-0.02
21) Naphthalene-d8	11.026	136	147163	20.000	ng		#-0.02
39) Acenaphthene-d10	14.822	164	116573	20.000	ng		-0.02
64) Phenanthrene-d10	17.560	188	282159	20.000	ng		#-0.02
76) Chrysene-d12	21.831	240	330480	20.000	ng		#-0.03
86) Perylene-d12	25.151	264	365451	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	171573	78.378	ng		-0.02
7) Phenol-d6	7.342	99	224806	74.840	ng		-0.01
23) Nitrobenzene-d5	9.364	82	239568	97.776	ng		-0.02
42) 2,4,6-Tribromophenol	16.303	330	177488	105.491	ng		-0.02
45) 2-Fluorobiphenyl	13.453	172	655475	85.228	ng		-0.02
79) Terphenyl-d14	20.151	244	1420804	81.133	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	32859	33.905	ng		97
3) Pyridine	3.982	79	97056	33.348	ng		99
4) n-Nitrosodimethylamine	3.888	42	51521	33.011	ng		92
6) Aniline	7.513	93	148976	36.448	ng		98
8) 2-Chlorophenol	7.760	128	95777	41.801	ng		99
9) Benzaldehyde	7.325	77	63351	38.631	ng		98
10) Phenol	7.366	94	123088	37.053	ng		93
11) bis(2-Chloroethyl)ether	7.607	93	91094	37.297	ng		96
12) 1,3-Dichlorobenzene	8.089	146	108210	41.033	ng		97
13) 1,4-Dichlorobenzene	8.236	146	110717	41.290	ng		97
14) 1,2-Dichlorobenzene	8.559	146	108572	41.979	ng		96
15) Benzyl Alcohol	8.429	79	94864	38.298	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.717	45	223389	34.869	ng		98
17) 2-Methylphenol	8.635	107	89161	40.425	ng		97
18) Hexachloroethane	9.299	117	40361	42.892	ng		92
19) n-Nitroso-di-n-propyla...	9.005	70	78371	37.752	ng		98
20) 3+4-Methylphenols	8.964	107	119498	38.526	ng		98
22) Acetophenone	9.023	105	160769	39.964	ng	#	97
24) Nitrobenzene	9.411	77	122920	46.125	ng		97
25) Isophorone	9.934	82	225829	38.411	ng		98
26) 2-Nitrophenol	10.122	139	56189	54.213	ng	#	89
27) 2,4-Dimethylphenol	10.174	122	86353	39.486	ng		97
28) bis(2-Chloroethoxy)met...	10.415	93	126829	37.888	ng		99
29) 2,4-Dichlorophenol	10.662	162	109496	46.524	ng		95
30) 1,2,4-Trichlorobenzene	10.885	180	122996	45.995	ng		100
31) Naphthalene	11.079	128	334614	41.010	ng		99
32) Benzoic acid	10.292	122	67539m	41.489	ng		
33) 4-Chloroaniline	11.173	127	123243	38.862	ng		98
34) Hexachlorobutadiene	11.367	225	104953	50.186	ng		98
35) Caprolactam	11.943	113	30173	33.426	ng	#	92
36) 4-Chloro-3-methylphenol	12.278	107	120216	42.494	ng		99
37) 2-Methylnaphthalene	12.672	142	248999	41.566	ng		99
38) 1-Methylnaphthalene	12.889	142	240484	40.552	ng		98
40) 1,2,4,5-Tetrachloroben...	13.030	216	186923	47.779	ng		99
41) Hexachlorocyclopentadiene	13.018	237	82570	46.890	ng		99
43) 2,4,6-Trichlorophenol	13.259	196	111636	49.885	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	124707	48.290	ng		94
46) 1,1'-Biphenyl	13.664	154	342316	41.305	ng		96
47) 2-Chloronaphthalene	13.706	162	268230	42.878	ng		98
48) 2-Nitroaniline	13.894	65	89345	42.910	ng		96
49) Acenaphthylene	14.546	152	404664	41.011	ng		99
50) Dimethylphthalate	14.270	163	359892	40.346	ng		99
51) 2,6-Dinitrotoluene	14.381	165	71415	48.486	ng		94
52) Acenaphthene	14.887	154	273895	40.629	ng		96
53) 3-Nitroaniline	14.710	138	69835	45.555	ng	#	98
54) 2,4-Dinitrophenol	14.916	184	28967	35.411	ng	#	42
55) Dibenzofuran	15.216	168	450645	41.348	ng		98
56) 4-Nitrophenol	15.004	139	52857	37.190	ng		91
57) 2,4-Dinitrotoluene	15.163	165	106876	47.030	ng	#	95
58) Fluorene	15.868	166	347622	40.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.439	232	122631	49.659	ng		96
60) Diethylphthalate	15.621	149	355754	39.060	ng		98
61) 4-Chlorophenyl-phenyle...	15.856	204	213560	44.709	ng		97
62) 4-Nitroaniline	15.868	138	73344	43.006	ng		90
63) Azobenzene	16.144	77	305194	36.520	ng		98
65) 4,6-Dinitro-2-methylph...	15.927	198	61856	49.614	ng		92
66) n-Nitrosodiphenylamine	16.062	169	308336	40.454	ng		100
67) 4-Bromophenyl-phenylether	16.749	248	156127	46.693	ng		95
68) Hexachlorobenzene	16.872	284	182874	47.941	ng		95
69) Atrazine	17.002	200	130742	39.861	ng		97
70) Pentachlorophenol	17.207	266	133934	56.305	ng		97
71) Phenanthrene	17.601	178	624086	40.446	ng		99
72) Anthracene	17.695	178	631750	40.249	ng		99
73) Carbazole	17.954	167	528187	38.161	ng		99
74) Di-n-butylphthalate	18.506	149	615150	38.434	ng		100
75) Fluoranthene	19.599	202	785690	40.646	ng		97
77) Benzidine	19.763	184	295431	39.901	ng		99
78) Pyrene	19.957	202	817523	37.863	ng		99
80) Butylbenzylphthalate	20.827	149	274936	42.130	ng		94
81) Benzo(a)anthracene	21.814	228	910033	41.530	ng		99
82) 3,3'-Dichlorobenzidine	21.714	252	324615	44.362	ng		98
83) Chrysene	21.878	228	867236	41.594	ng		99
84) Bis(2-ethylhexyl)phtha...	21.714	149	406286	41.665	ng	#	99
85) Di-n-octyl phthalate	22.959	149	700940	42.635	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1136076	42.259	ng	#	97
88) Benzo(b)fluoranthene	24.099	252	939317	41.916	ng	#	97
89) Benzo(k)fluoranthene	24.170	252	928812m	41.419	ng		
90) Benzo(a)pyrene	24.998	252	860233	41.761	ng	#	98
91) Dibenzo(a,h)anthracene	29.041	278	925527	42.375	ng		99
92) Benzo(g,h,i)perylene	30.163	276	878100	42.086	ng	#	96

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

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