Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064638.D
Acq On : 30 Oct 2025 12:58
Operator : RC/JU
Sample : PB170286BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 04:23:54 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 :
PB170286BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30784	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	124677	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	97021	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	242858	20.000	ng	0.00
76) Chrysene-d12	21.854	240	288177	20.000	ng	0.00
86) Perylene-d12	25.197	264	302049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	222225	121.168	ng	0.00
7) Phenol-d6	7.359	99	293062	116.449	ng	0.00
23) Nitrobenzene-d5	9.380	82	194877	93.881	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	201434	143.850	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	511406	79.896	ng	0.00
79) Terphenyl-d14	20.168	244	1213413	79.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	24696	30.415	ng	92
3) Pyridine	3.987	79	71577	29.354	ng	95
4) n-Nitrosodimethylamine	3.898	42	50644	38.730	ng	92
6) Aniline	7.529	93	88719	25.907	ng	96
8) 2-Chlorophenol	7.776	128	83962	43.738	ng	96
9) Benzaldehyde	7.336	77	15716	11.439	ng	98
10) Phenol	7.383	94	108355	38.932	ng	94
11) bis(2-Chloroethyl)ether	7.623	93	73434	35.887	ng	94
12) 1,3-Dichlorobenzene	8.111	146	86606	39.198	ng	94
13) 1,4-Dichlorobenzene	8.252	146	85572	38.090	ng	97
14) 1,2-Dichlorobenzene	8.575	146	83239	38.414	ng	95
15) Benzyl Alcohol	8.446	79	82132	39.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.746	45	192190	35.806	ng	99
17) 2-Methylphenol	8.646	107	75352	40.777	ng	95
18) Hexachloroethane	9.321	117	32047	40.649	ng	95
19) n-Nitroso-di-n-propyla...	9.022	70	66214	38.070	ng	97
20) 3+4-Methylphenols	8.975	107	101160	38.927	ng	98
22) Acetophenone	9.039	105	138177	40.543	ng	97
24) Nitrobenzene	9.421	77	99054	43.873	ng	99
25) Isophorone	9.950	82	184933	37.128	ng	98
26) 2-Nitrophenol	10.144	139	41607	47.778	ng	90
27) 2,4-Dimethylphenol	10.191	122	83626	45.136	ng	96
28) bis(2-Chloroethoxy)met...	10.432	93	108016	38.088	ng	97
29) 2,4-Dichlorophenol	10.679	162	88062	44.165	ng	95
30) 1,2,4-Trichlorobenzene	10.902	180	95114	41.983	ng	99
31) Naphthalene	11.096	128	262425	37.964	ng	100
32) Benzoic acid	10.309	122	63329	45.241	ng	96
33) 4-Chloroaniline	11.184	127	52856	19.673	ng	97
34) Hexachlorobutadiene	11.390	225	72053	40.668	ng	94
35) Caprolactam	11.942	113	29879m	39.070	ng	
36) 4-Chloro-3-methylphenol	12.289	107	100287	41.843	ng	99
37) 2-Methylnaphthalene	12.688	142	175641	34.608	ng	99
38) 1-Methylnaphthalene	12.906	142	188034	37.426	ng	92
40) 1,2,4,5-Tetrachloroben...	13.052	216	140180	43.052	ng	99
41) Hexachlorocyclopentadiene	13.035	237	172388	117.624	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	87768	47.123	ng	96

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44)	2,4,5-Trichlorophenol	13.346	196	96559	44.925	ng		96
46)	1,1'-Biphenyl	13.681	154	291306	42.233	ng		97
47)	2-Chloronaphthalene	13.722	162	204969	39.368	ng		100
48)	2-Nitroaniline	13.910	65	79131	45.457	ng		94
49)	Acenaphthylene	14.568	152	366587	44.639	ng		99
50)	Dimethylphthalate	14.286	163	300984	40.542	ng		99
51)	2,6-Dinitrotoluene	14.398	165	61387	49.972	ng		99
52)	Acenaphthene	14.903	154	253184	45.125	ng		96
53)	3-Nitroaniline	14.721	138	42706	33.472	ng		94
54)	2,4-Dinitrophenol	14.927	184	83799	109.290	ng	#	43
55)	Dibenzofuran	15.238	168	366959	40.455	ng		99
56)	4-Nitrophenol	15.021	139	113344	95.819	ng		90
57)	2,4-Dinitrotoluene	15.179	165	91677	48.378	ng	#	100
58)	Fluorene	15.884	166	290135	40.956	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.455	232	102856	50.044	ng		99
60)	Diethylphthalate	15.644	149	302705	39.933	ng		98
61)	4-Chlorophenyl-phenyle...	15.873	204	161828	40.706	ng		97
62)	4-Nitroaniline	15.884	138	67726	47.714	ng		94
63)	Azobenzene	16.161	77	278632	40.061	ng		100
65)	4,6-Dinitro-2-methylph...	15.943	198	57652	53.276	ng		94
66)	n-Nitrosodiphenylamine	16.078	169	272742	41.575	ng		98
67)	4-Bromophenyl-phenylether	16.766	248	119558	41.543	ng		99
68)	Hexachlorobenzene	16.889	284	137259	41.805	ng		95
69)	Atrazine	17.018	200	118963	42.139	ng		96
70)	Pentachlorophenol	17.224	266	191995	93.775	ng		97
71)	Phenanthrene	17.618	178	536917	40.428	ng		99
72)	Anthracene	17.712	178	543314	40.216	ng		100
73)	Carbazole	17.970	167	491851	41.286	ng		99
74)	Di-n-butylphthalate	18.528	149	543306	39.438	ng		99
75)	Fluoranthene	19.615	202	691810	41.581	ng		98
77)	Benzidine	19.780	184	165366	25.613	ng		99
78)	Pyrene	19.974	202	715895	38.023	ng		99
80)	Butylbenzylphthalate	20.849	149	246800	43.371	ng		95
81)	Benzo(a)anthracene	21.830	228	777040	40.666	ng		99
82)	3,3'-Dichlorobenzidine	21.736	252	194405	30.468	ng		99
83)	Chrysene	21.901	228	730189	40.161	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.742	149	364913	42.916	ng		99
85)	Di-n-octyl phthalate	23.000	149	638034	44.506	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.028	276	962160	43.302	ng	#	96
88)	Benzo(b)fluoranthene	24.134	252	801805	43.290	ng		99
89)	Benzo(k)fluoranthene	24.204	252	798213	43.067	ng		99
90)	Benzo(a)pyrene	25.044	252	768387	45.132	ng		98
91)	Dibenzo(a,h)anthracene	29.104	278	789221	43.720	ng		97
92)	Benzo(g,h,i)perylene	30.232	276	779694	45.214	ng		97

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

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