Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064962.D
Acq On : 16 Dec 2025 18:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG121625

Quant Time: Dec 17 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:53:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.044	152	54100	20.000	ng		0.00
21) Naphthalene-d8	10.847	136	238600	20.000	ng		0.00
39) Acenaphthene-d10	14.654	164	180313	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	388948	20.000	ng		0.00
76) Chrysene-d12	21.640	240	422442	20.000	ng		0.00
86) Perylene-d12	24.807	264	464955	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.600	112	239255	71.317	ng		0.00
7) Phenol-d6	7.186	99	341998	72.832	ng		0.00
23) Nitrobenzene-d5	9.201	82	317870	79.119	ng		0.00
42) 2,4,6-Tribromophenol	16.135	330	176776	75.561	ng		0.00
45) 2-Fluorobiphenyl	13.285	172	882178	72.804	ng		0.00
79) Terphenyl-d14	20.001	244	1594189	71.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	44318	32.820	ng		99
3) Pyridine	3.902	79	146746	34.021	ng		95
4) n-Nitrosodimethylamine	3.814	42	81343	38.258	ng		99
6) Aniline	7.362	93	243464	37.650	ng		99
8) 2-Chlorophenol	7.603	128	139751	37.946	ng		98
9) Benzaldehyde	7.180	77	130309	37.232	ng		93
10) Phenol	7.216	94	193230	37.006	ng		97
11) bis(2-Chloroethyl)ether	7.456	93	146976	37.673	ng		97
12) 1,3-Dichlorobenzene	7.932	146	158149	39.045	ng		94
13) 1,4-Dichlorobenzene	8.079	146	163607	39.443	ng		99
14) 1,2-Dichlorobenzene	8.397	146	160759	39.756	ng		98
15) Benzyl Alcohol	8.273	79	149423	37.992	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.561	45	351540	36.492	ng		99
17) 2-Methylphenol	8.473	107	131489	37.386	ng		98
18) Hexachloroethane	9.131	117	55795	37.434	ng		91
19) n-Nitroso-di-n-propyla...	8.849	70	140155	38.958	ng		97
20) 3+4-Methylphenols	8.796	107	176042	36.497	ng		94
22) Acetophenone	8.861	105	245390	37.559	ng	#	97
24) Nitrobenzene	9.243	77	179460	41.093	ng		97
25) Isophorone	9.766	82	372164	37.025	ng		98
26) 2-Nitrophenol	9.954	139	64136	37.087	ng		94
27) 2,4-Dimethylphenol	10.006	122	150592	37.425	ng		98
28) bis(2-Chloroethoxy)met...	10.247	93	210304	37.044	ng		98
29) 2,4-Dichlorophenol	10.482	162	148737	37.884	ng		98
30) 1,2,4-Trichlorobenzene	10.706	180	167860	40.002	ng		97
31) Naphthalene	10.894	128	476956	36.602	ng		99
32) Benzoic acid	10.118	122	88410	32.714	ng		98
33) 4-Chloroaniline	10.994	127	212898	37.089	ng		97
34) Hexachlorobutadiene	11.182	225	114130	37.441	ng		97
35) Caprolactam	11.763	113	52419	36.119	ng	#	90
36) 4-Chloro-3-methylphenol	12.104	107	169363	36.543	ng		99
37) 2-Methylnaphthalene	12.498	142	332666	33.224	ng		98
38) 1-Methylnaphthalene	12.715	142	352215	35.286	ng		98
40) 1,2,4,5-Tetrachloroben...	12.856	216	204530	39.016	ng		98
41) Hexachlorocyclopentadiene	12.844	237	129971	40.005	ng		99
43) 2,4,6-Trichlorophenol	13.091	196	135276	39.643	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.162	196	147324	38.602	ng		98
46) 1,1'-Biphenyl	13.496	154	494290	37.987	ng		100
47) 2-Chloronaphthalene	13.538	162	384613	37.679	ng		99
48) 2-Nitroaniline	13.731	65	111858	38.330	ng		97
49) Acenaphthylene	14.384	152	658007	38.701	ng		97
50) Dimethylphthalate	14.113	163	500184	36.958	ng		99
51) 2,6-Dinitrotoluene	14.225	165	96841	42.898	ng		99
52) Acenaphthene	14.724	154	387128	36.869	ng		97
53) 3-Nitroaniline	14.548	138	106944	40.548	ng		98
54) 2,4-Dinitrophenol	14.754	184	34900	36.485	ng	#	87
55) Dibenzofuran	15.053	168	610065	37.304	ng		99
56) 4-Nitrophenol	14.842	139	86913	39.566	ng		89
57) 2,4-Dinitrotoluene	15.006	165	128078	38.916	ng		95
58) Fluorene	15.700	166	497908	37.395	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.271	232	141111	41.333	ng		99
60) Diethylphthalate	15.471	149	531606	36.713	ng		99
61) 4-Chlorophenyl-phenyle...	15.694	204	254173	36.717	ng		99
62) 4-Nitroaniline	15.712	138	111683	42.636	ng		97
63) Azobenzene	15.988	77	500270	37.826	ng		99
65) 4,6-Dinitro-2-methylph...	15.764	198	59372	38.162	ng		90
66) n-Nitrosodiphenylamine	15.905	169	428391	38.117	ng		99
67) 4-Bromophenyl-phenylether	16.587	248	169307	37.707	ng		99
68) Hexachlorobenzene	16.699	284	190013	37.132	ng		98
69) Atrazine	16.851	200	176301	38.792	ng		96
70) Pentachlorophenol	17.039	266	121733	37.596	ng		98
71) Phenanthrene	17.433	178	809510	36.951	ng		99
72) Anthracene	17.527	178	841493	37.571	ng		100
73) Carbazole	17.791	167	754026	37.779	ng		99
74) Di-n-butylphthalate	18.355	149	944393	38.665	ng		100
75) Fluoranthene	19.437	202	953461	36.930	ng		100
77) Benzidine	19.613	184	510486	43.449	ng		99
78) Pyrene	19.795	202	1002541	36.657	ng		99
80) Butylbenzylphthalate	20.688	149	417072	38.270	ng		99
81) Benzo(a)anthracene	21.622	228	1077580	37.343	ng		99
82) 3,3'-Dichlorobenzidine	21.534	252	409621	40.528	ng		99
83) Chrysene	21.687	228	1025202	37.183	ng		99
84) Bis(2-ethylhexyl)phtha...	21.546	149	622142	37.264	ng		99
85) Di-n-octyl phthalate	22.744	149	1056862	36.777	ng		100
87) Indeno(1,2,3-cd)pyrene	28.420	276	1246234	35.982	ng	#	93
88) Benzo(b)fluoranthene	23.808	252	1063791	37.385	ng		100
89) Benzo(k)fluoranthene	23.873	252	1083647	37.329	ng		99
90) Benzo(a)pyrene	24.666	252	1037369	38.352	ng		99
91) Dibenzo(a,h)anthracene	28.491	278	1059732	36.745	ng		100
92) Benzo(g,h,i)perylene	29.542	276	1003493	35.828	ng		98

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

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