Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064957.D
Acq On : 16 Dec 2025 15:12
Operator : RC/JU
Sample : SSTDICC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC040

Quant Time: Dec 17 05:14:55 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 05:08:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	38189	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	176411	20.000	ng	0.00
39) Acenaphthene-d10	14.654	164	137160	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	310611	20.000	ng	0.00
76) Chrysene-d12	21.640	240	334235	20.000	ng	0.00
86) Perylene-d12	24.813	264	361392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	203831	86.071	ng	0.00
7) Phenol-d6	7.186	99	292624	88.281	ng	0.00
23) Nitrobenzene-d5	9.202	82	255945	86.163	ng	0.00
42) 2,4,6-Tribromophenol	16.135	330	155614	87.443	ng	0.00
45) 2-Fluorobiphenyl	13.285	172	787975	85.489	ng	0.00
79) Terphenyl-d14	20.001	244	1510578	85.209	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	38675	40.574	ng	100
3) Pyridine	3.896	79	126704	41.613	ng	100
4) n-Nitrosodimethylamine	3.814	42	63156	42.080	ng	100
6) Aniline	7.363	93	199367	43.676	ng	100
8) 2-Chlorophenol	7.603	128	114576	44.072	ng	100
9) Benzaldehyde	7.175	77	244681	98.969	ng	100
10) Phenol	7.210	94	162052	43.966	ng	100
11) bis(2-Chloroethyl)ether	7.457	93	120459	43.741	ng	100
12) 1,3-Dichlorobenzene	7.932	146	126659	44.299	ng	100
13) 1,4-Dichlorobenzene	8.073	146	127597	43.578	ng	100
14) 1,2-Dichlorobenzene	8.397	146	125527	43.977	ng	100
15) Benzyl Alcohol	8.267	79	119897	43.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.567	45	297155	43.698	ng	100
17) 2-Methylphenol	8.467	107	109371	44.053	ng	100
18) Hexachloroethane	9.125	117	45868	43.595	ng	100
19) n-Nitroso-di-n-propyla...	8.843	70	112991	44.492	ng	100
20) 3+4-Methylphenols	8.796	107	147482	43.316	ng	100
22) Acetophenone	8.861	105	205474	42.537	ng	100
24) Nitrobenzene	9.243	77	138171	42.791	ng	100
25) Isophorone	9.766	82	310572	41.790	ng	100
26) 2-Nitrophenol	9.954	139	46491	36.425	ng	100
27) 2,4-Dimethylphenol	10.001	122	127138	42.734	ng	100
28) bis(2-Chloroethoxy)met...	10.247	93	176350	42.014	ng	100
29) 2,4-Dichlorophenol	10.482	162	124258	42.806	ng	100
30) 1,2,4-Trichlorobenzene	10.706	180	129996	41.900	ng	100
31) Naphthalene	10.894	128	402722	41.800	ng	100
32) Benzoic acid	10.118	122	89735	45.336	ng	100
33) 4-Chloroaniline	10.994	127	179837	42.374	ng	100
34) Hexachlorobutadiene	11.182	225	95089	42.191	ng	100
35) Caprolactam	11.757	113	45611	42.507	ng	100
36) 4-Chloro-3-methylphenol	12.104	107	144060	42.042	ng	100
37) 2-Methylnaphthalene	12.498	142	317263	42.855	ng	100
38) 1-Methylnaphthalene	12.715	142	309094	41.883	ng	100
40) 1,2,4,5-Tetrachloroben...	12.856	216	169093	42.405	ng	100
41) Hexachlorocyclopentadiene	12.844	237	103785	41.996	ng	100
43) 2,4,6-Trichlorophenol	13.091	196	113456	43.709	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.162	196	124578	42.912	ng	100
46) 1,1'-Biphenyl	13.497	154	417668	42.198	ng	100
47) 2-Chloronaphthalene	13.538	162	327554	42.185	ng	100
48) 2-Nitroaniline	13.732	65	85553	38.524	ng	100
49) Acenaphthylene	14.378	152	552960	42.755	ng	100
50) Dimethylphthalate	14.108	163	439415	42.682	ng	100
51) 2,6-Dinitrotoluene	14.225	165	64593	38.031	ng	100
52) Acenaphthene	14.719	154	339594	42.517	ng	100
53) 3-Nitroaniline	14.548	138	81453	40.596	ng	100
54) 2,4-Dinitrophenol	14.748	184	27843	38.025	ng	100
55) Dibenzofuran	15.054	168	524340	42.150	ng	100
56) 4-Nitrophenol	14.836	139	70514	42.200	ng	100
57) 2,4-Dinitrotoluene	15.007	165	94670	43.727	ng	100
58) Fluorene	15.700	166	436816	43.128	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.271	232	111624	42.982	ng	100
60) Diethylphthalate	15.471	149	469547	42.629	ng	100
61) 4-Chlorophenyl-phenyle...	15.694	204	224701	42.672	ng	100
62) 4-Nitroaniline	15.712	138	89878	45.107	ng	100
63) Azobenzene	15.988	77	429750	42.717	ng	100
65) 4,6-Dinitro-2-methylph...	15.764	198	44686	36.290	ng	100
66) n-Nitrosodiphenylamine	15.905	169	380102	42.349	ng	100
67) 4-Bromophenyl-phenylether	16.587	248	149824	41.783	ng	100
68) Hexachlorobenzene	16.699	284	168676	41.275	ng	100
69) Atrazine	16.846	200	151135	41.641	ng	100
70) Pentachlorophenol	17.039	266	106312	41.114	ng	100
71) Phenanthrene	17.433	178	738843	42.231	ng	100
72) Anthracene	17.527	178	768545	42.968	ng	100
73) Carbazole	17.791	167	687016	43.103	ng	100
74) Di-n-butylphthalate	18.356	149	845357	43.339	ng	100
75) Fluoranthene	19.437	202	877820	42.575	ng	100
77) Benzidine	19.613	184	732930	78.844	ng	100
78) Pyrene	19.801	202	915535	42.311	ng	100
80) Butylbenzylphthalate	20.688	149	370759	42.999	ng	100
81) Benzo(a)anthracene	21.622	228	975284	42.717	ng	100
82) 3,3'-Dichlorobenzidine	21.534	252	352345	44.062	ng	100
83) Chrysene	21.687	228	931259	42.689	ng	100
84) Bis(2-ethylhexyl)phtha...	21.546	149	564696	42.749	ng	100
85) Di-n-octyl phthalate	22.750	149	966196	42.495	ng	100
87) Indeno(1,2,3-cd)pyrene	28.426	276	1159332	43.065	ng	100
88) Benzo(b)fluoranthene	23.808	252	947374	42.835	ng	100
89) Benzo(k)fluoranthene	23.873	252	983205	43.575	ng	100
90) Benzo(a)pyrene	24.666	252	905241	43.057	ng	100
91) Dibenzo(a,h)anthracene	28.491	278	961425	42.889	ng	100
92) Benzo(g,h,i)perylene	29.554	276	919031	42.216	ng	100

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

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