Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064955.D
Acq On : 16 Dec 2025 13:45
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Dec 17 05:13:31 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	8.043	152	45020	20.000	ng		0.00
21) Naphthalene-d8	10.845	136	200001	20.000	ng		0.00
39) Acenaphthene-d10	14.658	164	161014	20.000	ng		0.00
64) Phenanthrene-d10	17.390	188	363843	20.000	ng		0.00
76) Chrysene-d12	21.638	240	398442	20.000	ng		0.00
86) Perylene-d12	24.811	264	442212	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	54332	19.462	ng		0.00
7) Phenol-d6	7.185	99	74961	19.183	ng		0.00
23) Nitrobenzene-d5	9.194	82	57042	16.938	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	39436	18.877	ng		0.00
45) 2-Fluorobiphenyl	13.284	172	221757	20.495	ng		0.00
79) Terphenyl-d14	19.993	244	451813	21.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	11563	10.290	ng		95
3) Pyridine	3.900	79	35442	9.874	ng		97
4) n-Nitrosodimethylamine	3.818	42	18572	10.497	ng	#	95
6) Aniline	7.361	93	52924	9.835	ng		96
8) 2-Chlorophenol	7.602	128	29758	9.710	ng		99
9) Benzaldehyde	7.179	77	27445	9.417	ng		95
10) Phenol	7.208	94	42870	9.866	ng		97
11) bis(2-Chloroethyl)ether	7.461	93	32129	9.896	ng		99
12) 1,3-Dichlorobenzene	7.931	146	33431	9.918	ng		99
13) 1,4-Dichlorobenzene	8.078	146	33717	9.768	ng		98
14) 1,2-Dichlorobenzene	8.395	146	33414	9.930	ng		98
15) Benzyl Alcohol	8.272	79	31684	9.681	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.571	45	80749	10.073	ng		97
17) 2-Methylphenol	8.466	107	27974	9.558	ng		96
18) Hexachloroethane	9.130	117	12611	10.167	ng		93
19) n-Nitroso-di-n-propyla...	8.842	70	30064	10.042	ng		93
20) 3+4-Methylphenols	8.795	107	38189	9.514	ng		97
22) Acetophenone	8.859	105	55642	10.160	ng	#	97
24) Nitrobenzene	9.241	77	31719	8.665	ng		97
25) Isophorone	9.764	82	83228	9.878	ng		98
26) 2-Nitrophenol	9.952	139	9462	9.217	ng	#	88
27) 2,4-Dimethylphenol	10.005	122	34438	10.210	ng		97
28) bis(2-Chloroethoxy)met...	10.246	93	47109	9.900	ng		99
29) 2,4-Dichlorophenol	10.481	162	31648	9.617	ng		98
30) 1,2,4-Trichlorobenzene	10.704	180	34561	9.826	ng		93
31) Naphthalene	10.898	128	111151	10.176	ng		98
32) Benzoic acid	10.064	122	13376	5.961	ng		96
33) 4-Chloroaniline	10.992	127	47706	9.915	ng		99
34) Hexachlorobutadiene	11.186	225	26454	10.353	ng		97
35) Caprolactam	11.732	113	12012	9.874	ng		95
36) 4-Chloro-3-methylphenol	12.097	107	38361	9.875	ng		99
37) 2-Methylnaphthalene	12.496	142	85020	10.130	ng		97
38) 1-Methylnaphthalene	12.714	142	85777	10.252	ng		96
40) 1,2,4,5-Tetrachloroben...	12.855	216	45803	9.785	ng		99
41) Hexachlorocyclopentadiene	12.843	237	24073	8.298	ng		96
43) 2,4,6-Trichlorophenol	13.090	196	28181	9.248	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	32399	9.507	ng		93
46) 1,1'-Biphenyl	13.495	154	117927	10.149	ng		96
47) 2-Chloronaphthalene	13.536	162	90358	9.913	ng		95
48) 2-Nitroaniline	13.730	65	17677	9.230	ng	#	85
49) Acenaphthylene	14.376	152	153400	10.104	ng		98
50) Dimethylphthalate	14.106	163	123231	10.197	ng		99
51) 2,6-Dinitrotoluene	14.218	165	12387	9.033	ng		97
52) Acenaphthene	14.717	154	94939	10.125	ng		98
53) 3-Nitroaniline	14.547	138	16073	9.237	ng	#	91
54) 2,4-Dinitrophenol	14.747	184	5865	10.865	ng		91
55) Dibenzofuran	15.052	168	148662	10.180	ng		98
56) 4-Nitrophenol	14.829	139	15324	7.812	ng		92
57) 2,4-Dinitrotoluene	14.999	165	17415	6.852	ng	#	97
58) Fluorene	15.698	166	122080	10.268	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.269	232	27926	9.160	ng		99
60) Diethylphthalate	15.469	149	131822	10.195	ng		99
61) 4-Chlorophenyl-phenyle...	15.693	204	64179	10.382	ng		96
62) 4-Nitroaniline	15.698	138	19440	8.311	ng		98
63) Azobenzene	15.980	77	120591	10.211	ng		97
65) 4,6-Dinitro-2-methylph...	15.757	198	9327	11.087	ng		94
66) n-Nitrosodiphenylamine	15.898	169	105211	10.007	ng		99
67) 4-Bromophenyl-phenylether	16.586	248	41613	9.907	ng		96
68) Hexachlorobenzene	16.697	284	48297	10.089	ng		98
69) Atrazine	16.844	200	43417	10.212	ng		94
70) Pentachlorophenol	17.038	266	26127	8.626	ng		97
71) Phenanthrene	17.432	178	210838	10.288	ng		98
72) Anthracene	17.526	178	213912	10.210	ng		99
73) Carbazole	17.784	167	189876	10.170	ng		98
74) Di-n-butylphthalate	18.354	149	234465	10.262	ng		99
75) Fluoranthene	19.435	202	250323	10.365	ng		100
77) Benzidine	19.611	184	133017	12.003	ng		99
78) Pyrene	19.794	202	265685	10.300	ng		99
80) Butylbenzylphthalate	20.687	149	101698	9.894	ng		99
81) Benzo(a)anthracene	21.621	228	275713	10.130	ng		99
82) 3,3'-Dichlorobenzidine	21.533	252	98431	10.326	ng		99
83) Chrysene	21.685	228	264766	10.181	ng		97
84) Bis(2-ethylhexyl)phtha...	21.544	149	160138	10.169	ng		97
85) Di-n-octyl phthalate	22.749	149	262434	9.682	ng		100
87) Indeno(1,2,3-cd)pyrene	28.413	276	324345	9.846	ng		99
88) Benzo(b)fluoranthene	23.801	252	270829	10.007	ng		99
89) Benzo(k)fluoranthene	23.871	252	268797	9.736	ng		98
90) Benzo(a)pyrene	24.653	252	253910	9.870	ng		98
91) Dibenzo(a,h)anthracene	28.478	278	267321	9.746	ng		98
92) Benzo(g,h,i)perylene	29.529	276	260692	9.786	ng		98

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

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