Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064497.D
Acq On : 14 Oct 2025 11:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 14 12:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	18728	20.000	ng	# 0.00
21) Naphthalene-d8	10.612	136	80006	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	58975	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	150748	20.000	ng	0.00
76) Chrysene-d12	21.417	240	156602	20.000	ng	0.00
86) Perylene-d12	24.390	264	170308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	84794	83.793	ng	0.00
7) Phenol-d6	6.992	99	112983	83.082	ng	0.00
23) Nitrobenzene-d5	8.972	82	126642	85.113	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	92403	86.438	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	340965	85.220	ng	0.00
79) Terphenyl-d14	19.807	244	705699	85.282	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	15032	37.555	ng	99
3) Pyridine	3.714	79	44097	40.992	ng	95
4) n-Nitrosodimethylamine	3.632	42	33366	42.785	ng	98
6) Aniline	7.151	93	70951	41.362	ng	97
8) 2-Chlorophenol	7.386	128	52186	41.997	ng	97
9) Benzaldehyde	6.963	77	48335	40.040	ng	94
10) Phenol	7.022	94	61486	42.860	ng	92
11) bis(2-Chloroethyl)ether	7.245	93	39880	41.049	ng	95
12) 1,3-Dichlorobenzene	7.709	146	55476	40.811	ng	95
13) 1,4-Dichlorobenzene	7.856	146	57252	41.965	ng	97
14) 1,2-Dichlorobenzene	8.173	146	54467	40.509	ng	92
15) Benzyl Alcohol	8.056	79	53529	42.742	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.338	45	63264	40.399	ng	93
17) 2-Methylphenol	8.261	107	44427	42.768	ng	95
18) Hexachloroethane	8.896	117	21889	40.648	ng	97
19) n-Nitroso-di-n-propyla...	8.626	70	37981	41.761	ng	99
20) 3+4-Methylphenols	8.590	107	62334	43.000	ng	90
22) Acetophenone	8.637	105	81867	42.261	ng	98
24) Nitrobenzene	9.014	77	64471	43.450	ng	96
25) Isophorone	9.542	82	112140	41.602	ng	97
26) 2-Nitrophenol	9.724	139	30823	41.738	ng	97
27) 2,4-Dimethylphenol	9.789	122	48092	42.637	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	56423	41.065	ng	99
29) 2,4-Dichlorophenol	10.259	162	55380	42.459	ng	97
30) 1,2,4-Trichlorobenzene	10.477	180	59423	41.783	ng	95
31) Naphthalene	10.659	128	177147	42.998	ng	96
32) Benzoic acid	9.942	122	40959	47.298	ng	93
33) 4-Chloroaniline	10.770	127	67446	42.662	ng	94
34) Hexachlorobutadiene	10.947	225	50577	41.526	ng	99
35) Caprolactam	11.546	113	19754	44.240	ng	96
36) 4-Chloro-3-methylphenol	11.898	107	67923	42.822	ng	94
37) 2-Methylnaphthalene	12.269	142	131677	41.637	ng	98
38) 1-Methylnaphthalene	12.492	142	128515	40.754	ng	98
40) 1,2,4,5-Tetrachloroben...	12.645	216	82011	43.069	ng	99
41) Hexachlorocyclopentadiene	12.621	237	46569	46.753	ng	95
43) 2,4,6-Trichlorophenol	12.880	196	53394	43.864	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.956	196	59377	43.692	ng		97
46) 1,1'-Biphenyl	13.285	154	181204	42.720	ng		99
47) 2-Chloronaphthalene	13.326	162	136775	43.189	ng		97
48) 2-Nitroaniline	13.526	65	48753	45.105	ng		98
49) Acenaphthylene	14.172	152	203700	43.330	ng		96
50) Dimethylphthalate	13.908	163	200044	43.309	ng	#	96
51) 2,6-Dinitrotoluene	14.025	165	43089	44.782	ng		91
52) Acenaphthene	14.513	154	140501	43.017	ng		99
53) 3-Nitroaniline	14.354	138	40502	45.643	ng		97
54) 2,4-Dinitrophenol	14.566	184	29052	41.640	ng		87
55) Dibenzofuran	14.848	168	237480	44.036	ng		98
56) 4-Nitrophenol	14.672	139	32648	46.731	ng		91
57) 2,4-Dinitrotoluene	14.813	165	65446	44.495	ng		97
58) Fluorene	15.500	166	194282	43.334	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.077	232	61387	44.261	ng		98
60) Diethylphthalate	15.277	149	216982	43.791	ng		97
61) 4-Chlorophenyl-phenyle...	15.494	204	103672	42.356	ng		98
62) 4-Nitroaniline	15.524	138	44860	48.504	ng	#	85
63) Azobenzene	15.788	77	163644	42.644	ng		95
65) 4,6-Dinitro-2-methylph...	15.582	198	45879	43.710	ng		93
66) n-Nitrosodiphenylamine	15.706	169	164362	40.829	ng		99
67) 4-Bromophenyl-phenylether	16.387	248	73281	41.309	ng		94
68) Hexachlorobenzene	16.505	284	85861	42.298	ng		98
69) Atrazine	16.658	200	76301	42.602	ng		93
70) Pentachlorophenol	16.846	266	55213	46.520	ng		97
71) Phenanthrene	17.233	178	333345	42.284	ng		98
72) Anthracene	17.321	178	340568	43.062	ng		97
73) Carbazole	17.592	167	296313	43.345	ng		99
74) Di-n-butylphthalate	18.156	149	369333	44.258	ng		99
75) Fluoranthene	19.243	202	415109	44.076	ng		99
77) Benzidine	19.425	184	174328	44.736	ng		98
78) Pyrene	19.607	202	427836	42.098	ng		98
80) Butylbenzylphthalate	20.500	149	154137	42.784	ng		99
81) Benzo(a)anthracene	21.399	228	431395	43.143	ng		97
82) 3,3'-Dichlorobenzidine	21.323	252	147507	43.586	ng		98
83) Chrysene	21.458	228	402678	42.464	ng		99
84) Bis(2-ethylhexyl)phtha...	21.317	149	221186	43.513	ng		98
85) Di-n-octyl phthalate	22.445	149	373730	43.746	ng		99
87) Indeno(1,2,3-cd)pyrene	27.756	276	516801	43.595	ng		99
88) Benzo(b)fluoranthene	23.455	252	416989	43.038	ng		99
89) Benzo(k)fluoranthene	23.520	252	423632	43.413	ng		99
90) Benzo(a)pyrene	24.260	252	387546	43.400	ng		100
91) Dibenzo(a,h)anthracene	27.797	278	424151	44.741	ng		97
92) Benzo(g,h,i)perylene	28.790	276	402393	43.678	ng		97

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

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