Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064301.D
Acq On : 8 Sep 2025 10:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	22540	20.000	ng		-0.01
21) Naphthalene-d8	10.638	136	98292	20.000	ng		#-0.01
39) Acenaphthene-d10	14.475	164	71497	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	172801	20.000	ng		#-0.01
76) Chrysene-d12	21.449	240	186770	20.000	ng		# 0.00
86) Perylene-d12	24.451	264	203030	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	101082	80.457	ng		0.00
7) Phenol-d6	7.019	99	141912	82.220	ng		-0.01
23) Nitrobenzene-d5	9.005	82	156549	88.825	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	94697	99.996	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	398483	85.070	ng		-0.01
79) Terphenyl-d14	19.833	244	777189	86.817	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	21100	40.293	ng		85
3) Pyridine	3.740	79	58567	37.995	ng	#	56
4) n-Nitrosodimethylamine	3.664	42	41076	40.287	ng	#	93
6) Aniline	7.177	93	94269	39.495	ng		99
8) 2-Chlorophenol	7.412	128	61227	39.881	ng		97
9) Benzaldehyde	6.989	77	51454	36.225	ng		92
10) Phenol	7.048	94	78186	41.087	ng		88
11) bis(2-Chloroethyl)ether	7.277	93	54514	38.123	ng		94
12) 1,3-Dichlorobenzene	7.741	146	66361	40.631	ng		92
13) 1,4-Dichlorobenzene	7.882	146	68483	41.547	ng		92
14) 1,2-Dichlorobenzene	8.200	146	65847	41.391	ng		97
15) Benzyl Alcohol	8.082	79	64161	40.282	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.370	45	103842	31.807	ng		98
17) 2-Methylphenol	8.294	107	53796	37.932	ng		90
18) Hexachloroethane	8.928	117	25870	40.207	ng		82
19) n-Nitroso-di-n-propyla...	8.652	70	50036	37.878	ng		99
20) 3+4-Methylphenols	8.617	107	75295	38.208	ng		95
22) Acetophenone	8.664	105	103861	41.767	ng		100
24) Nitrobenzene	9.046	77	78494	42.627	ng		98
25) Isophorone	9.569	82	145972	39.851	ng		98
26) 2-Nitrophenol	9.751	139	35377	44.462	ng	#	89
27) 2,4-Dimethylphenol	9.815	122	60361	43.209	ng		96
28) bis(2-Chloroethoxy)met...	10.050	93	78693	39.843	ng		97
29) 2,4-Dichlorophenol	10.285	162	66004	44.780	ng		97
30) 1,2,4-Trichlorobenzene	10.503	180	70997	45.683	ng		99
31) Naphthalene	10.685	128	213153	41.820	ng		98
32) Benzoic acid	9.956	122	46051	41.529	ng	#	81
33) 4-Chloroaniline	10.791	127	82558	41.791	ng		98
34) Hexachlorobutadiene	10.979	225	55494	48.306	ng	#	84
35) Caprolactam	11.566	113	23844	41.778	ng		94
36) 4-Chloro-3-methylphenol	11.925	107	81800	42.774	ng		95
37) 2-Methylnaphthalene	12.295	142	160133	42.267	ng		96
38) 1-Methylnaphthalene	12.518	142	156779	41.896	ng		98
40) 1,2,4,5-Tetrachloroben...	12.665	216	93951	45.543	ng		99
41) Hexachlorocyclopentadiene	12.653	237	50334	51.338	ng		97
43) 2,4,6-Trichlorophenol	12.906	196	61406	44.535	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	67791	45.324	ng	#	94
46) 1,1'-Biphenyl	13.311	154	219271	42.107	ng		98
47) 2-Chloronaphthalene	13.352	162	164384	41.989	ng		98
48) 2-Nitroaniline	13.552	65	60376	45.247	ng		91
49) Acenaphthylene	14.198	152	243871	42.140	ng		99
50) Dimethylphthalate	13.934	163	226710	41.892	ng		98
51) 2,6-Dinitrotoluene	14.052	165	48889	46.664	ng	#	91
52) Acenaphthene	14.539	154	174171	42.647	ng		97
53) 3-Nitroaniline	14.375	138	46574	42.439	ng		97
54) 2,4-Dinitrophenol	14.586	184	30037	46.433	ng		94
55) Dibenzofuran	14.874	168	271141	42.208	ng		99
56) 4-Nitrophenol	14.686	139	39579	43.966	ng		93
57) 2,4-Dinitrotoluene	14.839	165	72255	45.613	ng	#	96
58) Fluorene	15.520	166	227991	43.302	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.103	232	67415	46.862	ng		96
60) Diethylphthalate	15.303	149	250465	43.245	ng		99
61) 4-Chlorophenyl-phenyle...	15.520	204	118167	45.014	ng		98
62) 4-Nitroaniline	15.538	138	52964	47.296	ng		96
63) Azobenzene	15.808	77	208082	40.310	ng		94
65) 4,6-Dinitro-2-methylph...	15.603	198	49405	49.798	ng		87
66) n-Nitrosodiphenylamine	15.732	169	200170	42.109	ng		100
67) 4-Bromophenyl-phenylether	16.413	248	83205	45.334	ng		97
68) Hexachlorobenzene	16.525	284	92205	45.240	ng		95
69) Atrazine	16.684	200	89055	44.868	ng		96
70) Pentachlorophenol	16.872	266	58820	47.596	ng		92
71) Phenanthrene	17.260	178	385836	42.334	ng		99
72) Anthracene	17.348	178	389030	41.962	ng		97
73) Carbazole	17.618	167	348219	42.636	ng		99
74) Di-n-butylphthalate	18.188	149	426320	43.448	ng		99
75) Fluoranthene	19.269	202	472756	44.115	ng		98
77) Benzidine	19.451	184	153435	39.052	ng		99
78) Pyrene	19.633	202	493292	41.922	ng		99
80) Butylbenzylphthalate	20.526	149	188582	42.492	ng		96
81) Benzo(a)anthracene	21.431	228	497969	41.675	ng		100
82) 3,3'-Dichlorobenzidine	21.349	252	167236	42.975	ng		99
83) Chrysene	21.490	228	476070	41.501	ng		99
84) Bis(2-ethylhexyl)phtha...	21.355	149	275515	41.349	ng		98
85) Di-n-octyl phthalate	22.495	149	477376	41.118	ng		97
87) Indeno(1,2,3-cd)pyrene	27.841	276	599839	43.262	ng	#	95
88) Benzo(b)fluoranthene	23.511	252	503622	43.951	ng		99
89) Benzo(k)fluoranthene	23.570	252	490292	41.999	ng	#	96
90) Benzo(a)pyrene	24.316	252	456567	42.833	ng		98
91) Dibenzo(a,h)anthracene	27.900	278	483369	43.420	ng		98
92) Benzo(g,h,i)perylene	28.899	276	466532	43.068	ng		96

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

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