Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064598.D
Acq On : 27 Oct 2025 22:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 04 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	39822	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	166676	20.000	ng		0.00
39) Acenaphthene-d10	14.840	164	131925	20.000	ng		0.00
64) Phenanthrene-d10	17.573	188	303306	20.000	ng		0.00
76) Chrysene-d12	21.850	240	337309	20.000	ng		0.00
86) Perylene-d12	25.193	264	366531	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	211809	89.277	ng		0.00
7) Phenol-d6	7.349	99	273425	83.988	ng		0.00
23) Nitrobenzene-d5	9.382	82	267093	96.248	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	168423	88.454	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	710184	81.596	ng		0.00
79) Terphenyl-d14	20.164	244	1438269	80.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	38213	36.381	ng		95
3) Pyridine	3.994	79	143803	45.590	ng		96
4) n-Nitrosodimethylamine	3.906	42	61165	36.160	ng		92
6) Aniline	7.531	93	181980	41.080	ng		99
8) 2-Chlorophenol	7.778	128	109589	44.131	ng		97
9) Benzaldehyde	7.343	77	130200	73.256	ng		98
10) Phenol	7.379	94	153554	42.650	ng		99
11) bis(2-Chloroethyl)ether	7.625	93	106602	40.272	ng		97
12) 1,3-Dichlorobenzene	8.107	146	115275	40.332	ng		98
13) 1,4-Dichlorobenzene	8.254	146	115894	39.878	ng		98
14) 1,2-Dichlorobenzene	8.577	146	116023	41.391	ng		98
15) Benzyl Alcohol	8.448	79	114646	42.705	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.736	45	290944	41.902	ng		99
17) 2-Methylphenol	8.642	107	103063	43.115	ng		96
18) Hexachloroethane	9.323	117	44445	43.580	ng		94
19) n-Nitroso-di-n-propyla...	9.024	70	97835	43.484	ng		98
20) 3+4-Methylphenols	8.971	107	142591	42.416	ng		98
22) Acetophenone	9.041	105	189181	41.521	ng	#	98
24) Nitrobenzene	9.423	77	140436	46.528	ng		97
25) Isophorone	9.952	82	279132	41.919	ng		99
26) 2-Nitrophenol	10.140	139	54167	46.610	ng		92
27) 2,4-Dimethylphenol	10.187	122	107917	43.569	ng		91
28) bis(2-Chloroethoxy)met...	10.434	93	155363	40.979	ng		96
29) 2,4-Dichlorophenol	10.681	162	121420	45.550	ng		94
30) 1,2,4-Trichlorobenzene	10.904	180	127090	41.962	ng		98
31) Naphthalene	11.098	128	376247	40.714	ng		99
32) Benzoic acid	10.310	122	79080	42.680	ng		92
33) 4-Chloroaniline	11.186	127	148794	41.426	ng		98
34) Hexachlorobutadiene	11.386	225	100767	42.543	ng		91
35) Caprolactam	11.950	113	39067	38.212	ng	#	86
36) 4-Chloro-3-methylphenol	12.290	107	138435	43.205	ng		97
37) 2-Methylnaphthalene	12.690	142	280453	41.336	ng		99
38) 1-Methylnaphthalene	12.902	142	278282	41.432	ng		97
40) 1,2,4,5-Tetrachloroben...	13.048	216	185716	41.946	ng		99
41) Hexachlorocyclopentadiene	13.037	237	79610	39.948	ng		97
43) 2,4,6-Trichlorophenol	13.278	196	114942	45.385	ng		98

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44) 2,4,5-Trichlorophenol	13.342	196	129877	44.439	ng		98
46) 1,1'-Biphenyl	13.677	154	381074	40.631	ng		98
47) 2-Chloronaphthalene	13.724	162	290049	40.970	ng		99
48) 2-Nitroaniline	13.906	65	103190	43.726	ng		90
49) Acenaphthylene	14.564	152	455499	40.791	ng		98
50) Dimethylphthalate	14.282	163	402227	39.845	ng		100
51) 2,6-Dinitrotoluene	14.400	165	71317	43.161	ng		98
52) Acenaphthene	14.905	154	314514	41.225	ng		99
53) 3-Nitroaniline	14.723	138	79641	45.906	ng		91
54) 2,4-Dinitrophenol	14.923	184	41576	43.416	ng		91
55) Dibenzofuran	15.234	168	487501	39.524	ng		97
56) 4-Nitrophenol	15.011	139	71713	44.585	ng		97
57) 2,4-Dinitrotoluene	15.175	165	109063	42.708	ng	#	99
58) Fluorene	15.880	166	384307	39.896	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	127200	45.515	ng		99
60) Diethylphthalate	15.645	149	401654	38.967	ng		99
61) 4-Chlorophenyl-phenyle...	15.869	204	219423	40.591	ng		98
62) 4-Nitroaniline	15.880	138	85913	44.513	ng		97
63) Azobenzene	16.162	77	372534	39.391	ng		98
65) 4,6-Dinitro-2-methylph...	15.939	198	62808	47.166	ng		92
66) n-Nitrosodiphenylamine	16.080	169	345076	42.118	ng		99
67) 4-Bromophenyl-phenylether	16.762	248	154647	43.026	ng		98
68) Hexachlorobenzene	16.885	284	175641	42.834	ng		96
69) Atrazine	17.020	200	138273	39.217	ng		95
70) Pentachlorophenol	17.220	266	117276	45.865	ng		95
71) Phenanthrene	17.620	178	689905	41.594	ng		99
72) Anthracene	17.708	178	691284	40.971	ng		99
73) Carbazole	17.966	167	601855	40.452	ng		99
74) Di-n-butylphthalate	18.530	149	696319	40.472	ng		99
75) Fluoranthene	19.611	202	846799	40.753	ng		99
77) Benzidine	19.776	184	510627	67.569	ng		99
78) Pyrene	19.976	202	870781	39.513	ng		99
80) Butylbenzylphthalate	20.851	149	303423	45.554	ng		96
81) Benzo(a)anthracene	21.832	228	928610	41.520	ng		99
82) 3,3'-Dichlorobenzidine	21.732	252	306512	41.040	ng		97
83) Chrysene	21.903	228	874343	41.085	ng		98
84) Bis(2-ethylhexyl)phtha...	21.738	149	439597	44.169	ng		98
85) Di-n-octyl phthalate	23.001	149	747378	44.540	ng		99
87) Indeno(1,2,3-cd)pyrene	29.018	276	1107108	41.060	ng		98
88) Benzo(b)fluoranthene	24.135	252	913238	40.632	ng		98
89) Benzo(k)fluoranthene	24.206	252	924844	41.121	ng		98
90) Benzo(a)pyrene	25.040	252	847296	41.012	ng		100
91) Dibenzo(a,h)anthracene	29.100	278	902347	41.192	ng		99
92) Benzo(g,h,i)perylene	30.222	276	859976	41.096	ng		100

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

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