Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064266.D
Acq On : 3 Sep 2025 23:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 04 01:17:15 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	7.855	152	37413	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	190112	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	149200	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	336560	20.000	ng		0.00
76) Chrysene-d12	21.451	240	248986	20.000	ng		0.00
86) Perylene-d12	24.453	264	273251	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	173635	83.265	ng		0.00
7) Phenol-d6	7.027	99	260379	90.886	ng		0.00
23) Nitrobenzene-d5	9.007	82	286362	84.006	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	171694	86.880	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	764743	78.235	ng		0.00
79) Terphenyl-d14	19.835	244	988318	82.815	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	33832	38.923	ng		93
3) Pyridine	3.748	79	103245	40.353	ng	#	58
4) n-Nitrosodimethylamine	3.666	42	63810	37.705	ng	#	92
6) Aniline	7.185	93	173590	43.816	ng		95
8) 2-Chlorophenol	7.420	128	108444	42.556	ng		92
9) Benzaldehyde	6.997	77	99530	42.215	ng		93
10) Phenol	7.050	94	145402	46.034	ng		93
11) bis(2-Chloroethyl)ether	7.279	93	99894	42.087	ng		95
12) 1,3-Dichlorobenzene	7.744	146	110202	40.651	ng		98
13) 1,4-Dichlorobenzene	7.890	146	114296	41.775	ng		98
14) 1,2-Dichlorobenzene	8.208	146	110884	41.992	ng		95
15) Benzyl Alcohol	8.090	79	121965	46.132	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.372	45	221954	40.959	ng		99
17) 2-Methylphenol	8.296	107	101755	43.226	ng		93
18) Hexachloroethane	8.930	117	43752	40.967	ng		93
19) n-Nitroso-di-n-propyla...	8.660	70	100071	45.640	ng		98
20) 3+4-Methylphenols	8.625	107	145658	44.531	ng		97
22) Acetophenone	8.672	105	194965	40.536	ng		96
24) Nitrobenzene	9.048	77	144693	40.626	ng		99
25) Isophorone	9.577	82	302425	42.687	ng		99
26) 2-Nitrophenol	9.759	139	69194	44.962	ng		89
27) 2,4-Dimethylphenol	9.823	122	118942	44.022	ng		98
28) bis(2-Chloroethoxy)met...	10.059	93	161610	42.305	ng		95
29) 2,4-Dichlorophenol	10.294	162	123627	43.365	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	119873	39.879	ng		98
31) Naphthalene	10.693	128	392491	39.813	ng		98
32) Benzoic acid	9.988	122	92973	43.349	ng		96
33) 4-Chloroaniline	10.799	127	163564	42.808	ng		97
34) Hexachlorobutadiene	10.987	225	85783	38.607	ng		91
35) Caprolactam	11.580	113	44650	40.449	ng	#	89
36) 4-Chloro-3-methylphenol	11.927	107	167408	45.259	ng		93
37) 2-Methylnaphthalene	12.303	142	308596	42.113	ng		98
38) 1-Methylnaphthalene	12.520	142	311041	42.974	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	170098	39.513	ng		99
41) Hexachlorocyclopentadiene	12.655	237	84528	41.314	ng		95
43) 2,4,6-Trichlorophenol	12.914	196	118562	41.206	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	131610	42.166	ng	97
46) 1,1'-Biphenyl	13.314	154	428578	39.439	ng	97
47) 2-Chloronaphthalene	13.355	162	324496	39.720	ng	97
48) 2-Nitroaniline	13.560	65	124187	44.599	ng	97
49) Acenaphthylene	14.201	152	499467	41.358	ng	99
50) Dimethylphthalate	13.942	163	455332	40.319	ng	99
51) 2,6-Dinitrotoluene	14.054	165	97439	44.568	ng	98
52) Acenaphthene	14.547	154	340233	39.921	ng	98
53) 3-Nitroaniline	14.383	138	94798	41.394	ng	93
54) 2,4-Dinitrophenol	14.588	184	55059	41.474	ng	87
55) Dibenzofuran	14.876	168	544934	40.650	ng	97
56) 4-Nitrophenol	14.694	139	72000	38.327	ng	97
57) 2,4-Dinitrotoluene	14.841	165	142145	43.000	ng	98
58) Fluorene	15.529	166	447667	40.744	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	126769	42.228	ng	98
60) Diethylphthalate	15.305	149	478488	39.590	ng	100
61) 4-Chlorophenyl-phenyle...	15.523	204	223108	40.727	ng	95
62) 4-Nitroaniline	15.546	138	94260	40.336	ng	88
63) Azobenzene	15.816	77	439128	40.765	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	89211	46.168	ng	88
66) n-Nitrosodiphenylamine	15.740	169	387460	41.849	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	155701	43.557	ng	99
68) Hexachlorobenzene	16.533	284	167466	42.187	ng	96
69) Atrazine	16.686	200	129317	33.451	ng	98
70) Pentachlorophenol	16.874	266	100916	41.927	ng	95
71) Phenanthrene	17.262	178	707573	39.860	ng	98
72) Anthracene	17.356	178	708990	39.264	ng	99
73) Carbazole	17.620	167	561551	35.302	ng	99
74) Di-n-butylphthalate	18.190	149	605312	31.673	ng	99
75) Fluoranthene	19.271	202	663006	31.765	ng	98
77) Benzidine	19.453	184	225188	42.993	ng	98
78) Pyrene	19.630	202	666480	42.488	ng	99
80) Butylbenzylphthalate	20.529	149	258438	43.681	ng	96
81) Benzo(a)anthracene	21.433	228	651300	40.888	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	220655	42.534	ng	100
83) Chrysene	21.498	228	615156	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	382776	43.092	ng	98
85) Di-n-octyl phthalate	22.497	149	662945	42.833	ng	98
87) Indeno(1,2,3-cd)pyrene	27.844	276	774008	41.478	ng	99
88) Benzo(b)fluoranthene	23.507	252	654725	42.454	ng	97
89) Benzo(k)fluoranthene	23.572	252	630918	40.157	ng	99
90) Benzo(a)pyrene	24.318	252	603558	42.072	ng	98
91) Dibenzo(a,h)anthracene	27.902	278	627192	41.861	ng	99
92) Benzo(g,h,i)perylene	28.901	276	606417	41.595	ng	97

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

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