Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064264.D
Acq On : 3 Sep 2025 21:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 04 01:16:33 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	47058	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	220359	20.000	ng	#	0.00
39) Acenaphthene-d10	14.482	164	154561	20.000	ng		0.00
64) Phenanthrene-d10	17.220	188	309390	20.000	ng		0.00
76) Chrysene-d12	21.451	240	251985	20.000	ng		0.00
86) Perylene-d12	24.459	264	274895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	215236	82.059	ng		0.00
7) Phenol-d6	7.026	99	309898	86.000	ng		0.00
23) Nitrobenzene-d5	9.012	82	328658	83.180	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	162147	79.203	ng		0.00
45) 2-Fluorobiphenyl	13.107	172	801993	79.200	ng		0.00
79) Terphenyl-d14	19.841	244	956541	79.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	42950	39.286	ng		90
3) Pyridine	3.754	79	130991	40.704	ng	#	55
4) n-Nitrosodimethylamine	3.666	42	81145	38.121	ng		86
6) Aniline	7.185	93	204045	40.947	ng		97
8) 2-Chlorophenol	7.420	128	134526	41.971	ng		95
9) Benzaldehyde	6.997	77	145023	48.904	ng		99
10) Phenol	7.056	94	168442	42.398	ng		96
11) bis(2-Chloroethyl)ether	7.279	93	125931	42.182	ng		98
12) 1,3-Dichlorobenzene	7.749	146	139584	40.936	ng		94
13) 1,4-Dichlorobenzene	7.890	146	141492	41.116	ng		98
14) 1,2-Dichlorobenzene	8.207	146	137343	41.352	ng		97
15) Benzyl Alcohol	8.090	79	140188	42.157	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.378	45	266904	39.158	ng		98
17) 2-Methylphenol	8.295	107	117361	39.637	ng		98
18) Hexachloroethane	8.936	117	54705	40.724	ng		88
19) n-Nitroso-di-n-propyla...	8.666	70	112697	40.864	ng		99
20) 3+4-Methylphenols	8.624	107	168681	41.000	ng		97
22) Acetophenone	8.671	105	225535	40.456	ng		97
24) Nitrobenzene	9.053	77	171070	41.439	ng		97
25) Isophorone	9.576	82	326443	39.753	ng		98
26) 2-Nitrophenol	9.758	139	77413	43.398	ng	#	85
27) 2,4-Dimethylphenol	9.823	122	129213	41.259	ng		97
28) bis(2-Chloroethoxy)met...	10.058	93	180503	40.765	ng		94
29) 2,4-Dichlorophenol	10.293	162	136823	41.406	ng		97
30) 1,2,4-Trichlorobenzene	10.511	180	140981	40.463	ng		99
31) Naphthalene	10.693	128	455695	39.879	ng		100
32) Benzoic acid	9.982	122	92305	37.130	ng		95
33) 4-Chloroaniline	10.798	127	176340	39.817	ng		97
34) Hexachlorobutadiene	10.986	225	106427	41.323	ng		93
35) Caprolactam	11.586	113	43431	33.944	ng	#	91
36) 4-Chloro-3-methylphenol	11.927	107	168580	39.320	ng		96
37) 2-Methylnaphthalene	12.303	142	332979	39.204	ng		98
38) 1-Methylnaphthalene	12.520	142	330841	39.436	ng		97
40) 1,2,4,5-Tetrachloroben...	12.673	216	181464	40.691	ng		98
41) Hexachlorocyclopentadiene	12.655	237	98143	46.305	ng		91
43) 2,4,6-Trichlorophenol	12.914	196	121309	40.698	ng		95

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44) 2,4,5-Trichlorophenol	12.984	196	132867	41.092	ng		94
46) 1,1'-Biphenyl	13.319	154	452132	40.163	ng		99
47) 2-Chloronaphthalene	13.354	162	338012	39.939	ng		97
48) 2-Nitroaniline	13.554	65	125053	43.352	ng		90
49) Acenaphthylene	14.200	152	497677	39.780	ng		98
50) Dimethylphthalate	13.942	163	441064	37.701	ng		99
51) 2,6-Dinitrotoluene	14.053	165	95615	42.217	ng		95
52) Acenaphthene	14.547	154	347421	39.351	ng		99
53) 3-Nitroaniline	14.382	138	91693	38.650	ng		90
54) 2,4-Dinitrophenol	14.588	184	52174	38.419	ng	#	84
55) Dibenzofuran	14.876	168	541337	38.981	ng		98
56) 4-Nitrophenol	14.694	139	64373	33.078	ng		96
57) 2,4-Dinitrotoluene	14.841	165	136803	39.949	ng		97
58) Fluorene	15.528	166	436754	38.372	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	121731	39.143	ng		99
60) Diethylphthalate	15.305	149	445489	35.581	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	220519	38.858	ng		98
62) 4-Nitroaniline	15.546	138	84287	34.817	ng		90
63) Azobenzene	15.816	77	428705	38.417	ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	83247	46.865	ng		94
66) n-Nitrosodiphenylamine	15.740	169	371698	43.673	ng		97
67) 4-Bromophenyl-phenylether	16.415	248	148380	45.154	ng		97
68) Hexachlorobenzene	16.533	284	163124	44.702	ng		93
69) Atrazine	16.686	200	118762	33.419	ng		98
70) Pentachlorophenol	16.874	266	91603	41.400	ng		94
71) Phenanthrene	17.261	178	651798	39.943	ng		98
72) Anthracene	17.355	178	662811	39.930	ng		100
73) Carbazole	17.620	167	518983	35.491	ng		98
74) Di-n-butylphthalate	18.190	149	574984	32.729	ng		99
75) Fluoranthene	19.271	202	621967	32.416	ng		99
77) Benzidine	19.453	184	215884	40.726	ng		98
78) Pyrene	19.635	202	637571	40.161	ng		99
80) Butylbenzylphthalate	20.528	149	261522	43.676	ng		97
81) Benzo(a)anthracene	21.433	228	658882	40.871	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	219190	41.749	ng		98
83) Chrysene	21.492	228	613814	39.661	ng		98
84) Bis(2-ethylhexyl)phtha...	21.357	149	386160	42.956	ng		99
85) Di-n-octyl phthalate	22.496	149	670035	42.776	ng		99
87) Indeno(1,2,3-cd)pyrene	27.855	276	769769	41.004	ng	#	92
88) Benzo(b)fluoranthene	23.507	252	652871	42.081	ng		98
89) Benzo(k)fluoranthene	23.572	252	638660	40.406	ng		98
90) Benzo(a)pyrene	24.318	252	597249	41.383	ng		98
91) Dibenzo(a,h)anthracene	27.902	278	621399	41.226	ng		98
92) Benzo(g,h,i)perylene	28.907	276	599272	40.859	ng		99

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

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