Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064056.D
Acq On : 7 Mar 2025 12:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 14:19:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.866	152	31620	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	134638	20.000	ng		0.00
39) Acenaphthene-d10	14.488	164	94280	20.000	ng		0.00
64) Phenanthrene-d10	17.231	188	212553	20.000	ng		0.00
76) Chrysene-d12	21.462	240	237923	20.000	ng		0.00
86) Perylene-d12	24.482	264	252082	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	163232	80.607	ng		0.00
7) Phenol-d6	7.026	99	222994	80.946	ng		0.00
23) Nitrobenzene-d5	9.018	82	207456	85.150	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	89612	85.509	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	506833	81.599	ng		0.00
79) Terphenyl-d14	19.852	244	919569	78.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.371	88	42677	46.501	ng		96
3) Pyridine	3.759	79	106327	47.638	ng		99
4) n-Nitrosodimethylamine	3.671	42	76217	47.794	ng	#	91
6) Aniline	7.190	93	108123	39.998	ng		96
8) 2-Chlorophenol	7.425	128	86690	39.859	ng		94
9) Benzaldehyde	7.002	77	59761	37.299	ng		96
10) Phenol	7.055	94	116819	41.417	ng		98
11) bis(2-Chloroethyl)ether	7.290	93	87047	39.365	ng		96
12) 1,3-Dichlorobenzene	7.754	146	94861	39.718	ng		94
13) 1,4-Dichlorobenzene	7.901	146	96397	39.377	ng		99
14) 1,2-Dichlorobenzene	8.213	146	93538	39.625	ng		98
15) Benzyl Alcohol	8.095	79	85438	40.134	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.395	45	193583	38.934	ng		97
17) 2-Methylphenol	8.301	107	74732	39.922	ng		98
18) Hexachloroethane	8.947	117	34620	40.420	ng		98
19) n-Nitroso-di-n-propyla...	8.665	70	75166	38.878	ng		95
20) 3+4-Methylphenols	8.624	107	102443	39.751	ng		98
22) Acetophenone	8.677	105	150957	40.893	ng		98
24) Nitrobenzene	9.053	77	107385	42.649	ng	#	96
25) Isophorone	9.582	82	195992	40.191	ng		96
26) 2-Nitrophenol	9.764	139	30554	37.268	ng	#	94
27) 2,4-Dimethylphenol	9.828	122	60492	41.379	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	119491	40.416	ng		97
29) 2,4-Dichlorophenol	10.298	162	76899	41.658	ng		97
30) 1,2,4-Trichlorobenzene	10.516	180	90491	40.608	ng		95
31) Naphthalene	10.704	128	295443	40.694	ng		98
32) Benzoic acid	9.958	122	42548m	34.646	ng		
33) 4-Chloroaniline	10.804	127	110693	41.716	ng		95
34) Hexachlorobutadiene	10.998	225	59251	40.565	ng		97
35) Caprolactam	11.573	113	30335	42.883	ng		98
36) 4-Chloro-3-methylphenol	11.926	107	103519	42.782	ng		97
37) 2-Methylnaphthalene	12.308	142	215103	41.969	ng		98
38) 1-Methylnaphthalene	12.531	142	211868	42.194	ng		95
40) 1,2,4,5-Tetrachloroben...	12.678	216	109906	40.833	ng		99
41) Hexachlorocyclopentadiene	12.666	237	30867	40.745	ng		96
43) 2,4,6-Trichlorophenol	12.919	196	67410	42.493	ng		97

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44) 2,4,5-Trichlorophenol	12.983	196	73310	41.590	ng		96
46) 1,1'-Biphenyl	13.324	154	288292	40.474	ng		98
47) 2-Chloronaphthalene	13.360	162	210099	40.443	ng		99
48) 2-Nitroaniline	13.559	65	63950	38.772	ng		99
49) Acenaphthylene	14.211	152	326081	39.684	ng		99
50) Dimethylphthalate	13.947	163	277103	39.816	ng		98
51) 2,6-Dinitrotoluene	14.059	165	53963	38.904	ng		94
52) Acenaphthene	14.552	154	218501m	39.623	ng		
53) 3-Nitroaniline	14.388	138	59402	44.163	ng		97
54) 2,4-Dinitrophenol	14.588	184	17814	35.162	ng		91
55) Dibenzofuran	14.887	168	357418	40.009	ng		99
56) 4-Nitrophenol	14.687	139	47880	42.444	ng		94
57) 2,4-Dinitrotoluene	14.846	165	73624	38.567	ng	#	93
58) Fluorene	15.533	166	282352	40.580	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.110	232	70291	40.905	ng		95
60) Diethylphthalate	15.316	149	308024	40.770	ng		97
61) 4-Chlorophenyl-phenyle...	15.533	204	135209	39.104	ng		94
62) 4-Nitroaniline	15.545	138	64169	44.188	ng		97
63) Azobenzene	15.821	77	317556	39.389	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	31481	36.621	ng		96
66) n-Nitrosodiphenylamine	15.745	169	246083	40.901	ng		99
67) 4-Bromophenyl-phenylether	16.427	248	90293	41.477	ng		99
68) Hexachlorobenzene	16.538	284	100069	41.059	ng		96
69) Atrazine	16.697	200	67671	38.227	ng		93
70) Pentachlorophenol	16.879	266	59432	39.275	ng		96
71) Phenanthrene	17.273	178	468032	41.283	ng		99
72) Anthracene	17.361	178	468364	41.547	ng		99
73) Carbazole	17.631	167	438852	41.695	ng		98
74) Di-n-butylphthalate	18.207	149	537107	43.352	ng		100
75) Fluoranthene	19.282	202	577204	42.231	ng		97
77) Benzidine	19.464	184	194495	59.035	ng		100
78) Pyrene	19.640	202	596758	38.910	ng		99
80) Butylbenzylphthalate	20.545	149	218191	38.677	ng		97
81) Benzo(a)anthracene	21.444	228	616609	40.458	ng		98
82) 3,3'-Dichlorobenzidine	21.368	252	208835	42.339	ng		99
83) Chrysene	21.509	228	604054	39.739	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	361498	43.858	ng	#	99
85) Di-n-octyl phthalate	22.531	149	580604	40.839	ng		100
87) Indeno(1,2,3-cd)pyrene	27.884	276	690171	40.920	ng		99
88) Benzo(b)fluoranthene	23.530	252	613863	40.282	ng		99
89) Benzo(k)fluoranthene	23.595	252	622317	40.706	ng		99
90) Benzo(a)pyrene	24.341	252	552442	40.705	ng		98
91) Dibenzo(a,h)anthracene	27.948	278	569549	40.732	ng		100
92) Benzo(g,h,i)perylene	28.947	276	583542	40.647	ng		99

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

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