Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
Data File : BG063996.D
Acq On : 5 Feb 2025 10:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 11:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	63436	20.000	ng		0.00
21) Naphthalene-d8	10.656	136	270173	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	179556	20.000	ng		0.00
64) Phenanthrene-d10	17.236	188	399629	20.000	ng		0.00
76) Chrysene-d12	21.472	240	430606	20.000	ng		0.00
86) Perylene-d12	24.498	264	452558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	326889	82.620	ng		0.00
7) Phenol-d6	7.031	99	443858	81.747	ng		0.00
23) Nitrobenzene-d5	9.022	82	402420	90.524	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	159054	82.949	ng		0.00
45) 2-Fluorobiphenyl	13.123	172	929920	79.349	ng		0.00
79) Terphenyl-d14	19.857	244	1629680	79.040	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	69343	36.904	ng		94
3) Pyridine	3.776	79	189914	37.429	ng		100
4) n-Nitrosodimethylamine	3.687	42	110569	37.898	ng		95
6) Aniline	7.195	93	229256	39.401	ng		98
8) 2-Chlorophenol	7.436	128	166126	41.205	ng		98
9) Benzaldehyde	7.007	77	119249	40.231	ng		96
10) Phenol	7.054	94	228672	40.009	ng		98
11) bis(2-Chloroethyl)ether	7.295	93	178141	38.706	ng		95
12) 1,3-Dichlorobenzene	7.759	146	183484	38.246	ng		98
13) 1,4-Dichlorobenzene	7.906	146	188191	38.842	ng		97
14) 1,2-Dichlorobenzene	8.223	146	182911	39.388	ng		97
15) Benzyl Alcohol	8.106	79	163321	40.243	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	361200	38.974	ng		98
17) 2-Methylphenol	8.306	107	146499	39.632	ng		99
18) Hexachloroethane	8.952	117	66637	41.791	ng		98
19) n-Nitroso-di-n-propyla...	8.676	70	151497	40.291	ng	#	96
20) 3+4-Methylphenols	8.629	107	198882	40.385	ng		97
22) Acetophenone	8.682	105	290511	39.136	ng	#	98
24) Nitrobenzene	9.063	77	204677	40.482	ng		98
25) Isophorone	9.586	82	382310	39.672	ng	#	99
26) 2-Nitrophenol	9.774	139	53933	46.454	ng		93
27) 2,4-Dimethylphenol	9.833	122	117284	42.309	ng		97
28) bis(2-Chloroethoxy)met...	10.074	93	244566	39.884	ng		98
29) 2,4-Dichlorophenol	10.303	162	152063	39.917	ng		97
30) 1,2,4-Trichlorobenzene	10.521	180	180787	39.696	ng		98
31) Naphthalene	10.709	128	569687	39.330	ng		99
32) Benzoic acid	9.962	122	78296m	44.581	ng		
33) 4-Chloroaniline	10.808	127	219112	39.481	ng		99
34) Hexachlorobutadiene	11.002	225	115425	39.798	ng		99
35) Caprolactam	11.572	113	52960	38.534	ng		91
36) 4-Chloro-3-methylphenol	11.937	107	184491	41.579	ng		98
37) 2-Methylnaphthalene	12.318	142	395799	39.211	ng		100
38) 1-Methylnaphthalene	12.536	142	383426	38.390	ng		98
40) 1,2,4,5-Tetrachloroben...	12.689	216	208246	39.329	ng		98
41) Hexachlorocyclopentadiene	12.671	237	63029	47.032	ng		99
43) 2,4,6-Trichlorophenol	12.924	196	122684	40.290	ng		98

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44) 2,4,5-Trichlorophenol	12.988	196	138412	40.231	ng		97
46) 1,1'-Biphenyl	13.335	154	531178	38.855	ng		100
47) 2-Chloronaphthalene	13.370	162	390083	39.148	ng		100
48) 2-Nitroaniline	13.564	65	118360	44.802	ng		96
49) Acenaphthylene	14.216	152	611689	39.522	ng		99
50) Dimethylphthalate	13.958	163	501666	42.138	ng		99
51) 2,6-Dinitrotoluene	14.063	165	95990	43.440	ng		98
52) Acenaphthene	14.563	154	416128	40.083	ng		99
53) 3-Nitroaniline	14.392	138	106778	41.298	ng		97
54) 2,4-Dinitrophenol	14.592	184	24425	45.690	ng	#	87
55) Dibenzofuran	14.892	168	659325	39.112	ng		99
56) 4-Nitrophenol	14.692	139	84500	41.262	ng		96
57) 2,4-Dinitrotoluene	14.851	165	127407	44.176	ng	#	97
58) Fluorene	15.544	166	515042	39.530	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	134993	40.818	ng		99
60) Diethylphthalate	15.327	149	527849	41.818	ng		99
61) 4-Chlorophenyl-phenyle...	15.544	204	257105	39.328	ng		97
62) 4-Nitroaniline	15.556	138	115775	41.675	ng		99
63) Azobenzene	15.832	77	587256	39.390	ng		98
65) 4,6-Dinitro-2-methylph...	15.615	198	45495	47.195	ng		95
66) n-Nitrosodiphenylamine	15.756	169	445839	40.238	ng		98
67) 4-Bromophenyl-phenylether	16.437	248	163751	41.167	ng		98
68) Hexachlorobenzene	16.549	284	185761	39.723	ng		100
69) Atrazine	16.702	200	151886	41.192	ng		99
70) Pentachlorophenol	16.884	266	108459	40.332	ng		96
71) Phenanthrene	17.277	178	827230	39.412	ng		99
72) Anthracene	17.371	178	825089	39.285	ng		99
73) Carbazole	17.636	167	791960	40.281	ng		99
74) Di-n-butylphthalate	18.217	149	917485	44.768	ng		100
75) Fluoranthene	19.287	202	1013381	39.649	ng		98
77) Benzidine	19.469	184	532602	58.084	ng		98
78) Pyrene	19.651	202	1069071	40.216	ng		99
80) Butylbenzylphthalate	20.556	149	359990	39.849	ng		99
81) Benzo(a)anthracene	21.455	228	1089275	39.842	ng		99
82) 3,3'-Dichlorobenzidine	21.378	252	373433	43.860	ng		97
83) Chrysene	21.514	228	1071017	39.365	ng		99
84) Bis(2-ethylhexyl)phtha...	21.396	149	581664	39.908	ng		98
85) Di-n-octyl phthalate	22.554	149	948114	40.231	ng		99
87) Indeno(1,2,3-cd)pyrene	27.918	276	1190984	40.793	ng		99
88) Benzo(b)fluoranthene	23.546	252	1075439	40.356	ng		98
89) Benzo(k)fluoranthene	23.611	252	1103644	40.333	ng		99
90) Benzo(a)pyrene	24.357	252	961075	40.404	ng		100
91) Dibenzo(a,h)anthracene	27.977	278	992345	40.253	ng		98
92) Benzo(g,h,i)perylene	28.975	276	1007013	40.462	ng		98

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

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