Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055254.D
Acq On : 24 Oct 2022 13:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 14:53:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 14:49:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	32142	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	144068	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	102825	20.000	ng		0.00
64) Phenanthrene-d10	17.624	188	248135	20.000	ng		0.00
76) Chrysene-d12	21.901	240	231336	20.000	ng		0.00
86) Perylene-d12	25.297	264	249675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	75555	42.292	ng		0.00
7) Phenol-d6	7.412	99	108429	39.830	ng		0.00
23) Nitrobenzene-d5	9.445	82	115671	38.762	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	47116	44.221	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	253743	39.417	ng		0.00
79) Terphenyl-d14	20.197	244	464607	37.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	18860	21.708	ng		95
3) Pyridine	4.028	79	57473	21.008	ng		98
4) n-Nitrosodimethylamine	3.940	42	25761	20.123	ng	#	90
6) Aniline	7.588	93	71551	20.274	ng		99
8) 2-Chlorophenol	7.835	128	43361	20.075	ng		97
9) Benzaldehyde	7.400	77	39315	20.776	ng		97
10) Phenol	7.441	94	60483	19.666	ng		99
11) bis(2-Chloroethyl)ether	7.676	93	45887	19.378	ng		94
12) 1,3-Dichlorobenzene	8.164	146	47505	20.275	ng		96
13) 1,4-Dichlorobenzene	8.311	146	48857	20.413	ng		98
14) 1,2-Dichlorobenzene	8.634	146	47258	20.722	ng		96
15) Benzyl Alcohol	8.505	79	43707	18.694	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.799	45	72913	17.085	ng		98
17) 2-Methylphenol	8.710	107	43626	20.493	ng		98
18) Hexachloroethane	9.374	117	17321	19.993	ng		97
19) n-Nitroso-di-n-propyla...	9.075	70	44311	18.978	ng		97
20) 3+4-Methylphenols	9.034	107	59902	20.019	ng		97
22) Acetophenone	9.098	105	76039	19.512	ng		98
24) Nitrobenzene	9.492	77	60862	19.073	ng		99
25) Isophorone	10.009	82	115828	18.971	ng		98
26) 2-Nitrophenol	10.209	139	26125	20.813	ng		95
27) 2,4-Dimethylphenol	10.250	122	41377	20.700	ng		96
28) bis(2-Chloroethoxy)met...	10.485	93	58399	19.905	ng		97
29) 2,4-Dichlorophenol	10.743	162	43233	20.257	ng		99
30) 1,2,4-Trichlorobenzene	10.961	180	44677	20.446	ng		99
31) Naphthalene	11.155	128	156897	20.639	ng		99
32) Benzoic acid	10.373	122	24817m	17.344	ng		
33) 4-Chloroaniline	11.255	127	66690	21.304	ng		98
34) Hexachlorobutadiene	11.431	225	25841	19.584	ng		95
35) Caprolactam	12.013	113	20931	22.317	ng		96
36) 4-Chloro-3-methylphenol	12.353	107	54717	19.717	ng		99
37) 2-Methylnaphthalene	12.741	142	111899	19.352	ng		98
38) 1-Methylnaphthalene	12.958	142	111275	19.493	ng		99
40) 1,2,4,5-Tetrachloroben...	13.099	216	49784	20.598	ng		99
41) Hexachlorocyclopentadiene	13.076	237	19368	17.596	ng		99
43) 2,4,6-Trichlorophenol	13.335	196	37017	20.123	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.405	196	41055	20.343	ng		100
46)	1,1'-Biphenyl	13.728	154	143766	19.746	ng		100
47)	2-Chloronaphthalene	13.775	162	112351	20.043	ng		98
48)	2-Nitroaniline	13.969	65	44734	19.665	ng		98
49)	Acenaphthylene	14.615	152	197325	20.578	ng		100
50)	Dimethylphthalate	14.327	163	169043	20.900	ng		100
51)	2,6-Dinitrotoluene	14.451	165	34285	21.126	ng		97
52)	Acenaphthene	14.950	154	126405	20.704	ng		98
53)	3-Nitroaniline	14.786	138	44276	21.902	ng		99
54)	2,4-Dinitrophenol	14.991	184	15859	19.384	ng		95
55)	Dibenzofuran	15.279	168	191578	21.784	ng		99
56)	4-Nitrophenol	15.080	139	31830	22.393	ng		99
57)	2,4-Dinitrotoluene	15.238	165	51195	22.561	ng		94
58)	Fluorene	15.926	166	159453	21.530	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.503	232	37022	21.066	ng		98
60)	Diethylphthalate	15.679	149	180972	21.388	ng		99
61)	4-Chlorophenyl-phenyle...	15.908	204	72086	20.970	ng		98
62)	4-Nitroaniline	15.937	138	46831	22.838	ng		97
63)	Azobenzene	16.202	77	175161	20.482	ng		98
65)	4,6-Dinitro-2-methylph...	15.996	198	27190	20.514	ng		99
66)	n-Nitrosodiphenylamine	16.125	169	142152	20.527	ng		99
67)	4-Bromophenyl-phenylether	16.801	248	48313	19.976	ng		99
68)	Hexachlorobenzene	16.930	284	55814	21.086	ng		98
69)	Atrazine	17.054	200	49277	21.589	ng		99
70)	Pentachlorophenol	17.271	266	27703	19.393	ng		96
71)	Phenanthrene	17.665	178	276141	20.855	ng		99
72)	Anthracene	17.753	178	270286	20.889	ng		99
73)	Carbazole	18.017	167	259253	21.758	ng		99
74)	Di-n-butylphthalate	18.552	149	324584	20.885	ng		99
75)	Fluoranthene	19.651	202	323754	22.074	ng		99
77)	Benzidine	19.821	184	100698	17.118	ng		99
78)	Pyrene	20.009	202	330562	18.964	ng		99
80)	Butylbenzylphthalate	20.873	149	149512	18.350	ng		97
81)	Benzo(a)anthracene	21.877	228	313338	20.882	ng		99
82)	3,3'-Dichlorobenzidine	21.783	252	106610	20.691	ng		98
83)	Chrysene	21.948	228	299050	21.400	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.748	149	215662	20.230	ng		99
85)	Di-n-octyl phthalate	23.017	149	364023	22.903	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.204	276	377546	21.741	ng	#	92
88)	Benzo(b)fluoranthene	24.210	252	307362	20.731	ng		100
89)	Benzo(k)fluoranthene	24.281	252	307491	20.478	ng		99
90)	Benzo(a)pyrene	25.132	252	260933	20.504	ng		98
91)	Dibenzo(a,h)anthracene	29.269	278	310668	21.837	ng		98
92)	Benzo(g,h,i)perylene	30.432	276	310606	22.537	ng		99

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

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