Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053438.D
Acq On : 4 May 2022 21:28
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 05 01:11:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 01:07:18 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	25495	20.000	ng		0.00
21) Naphthalene-d8	10.907	136	101603	20.000	ng		0.00
39) Acenaphthene-d10	14.726	164	79248	20.000	ng		0.00
64) Phenanthrene-d10	17.469	188	192891	20.000	ng		0.00
76) Chrysene-d12	21.752	240	186681	20.000	ng		0.00
86) Perylene-d12	25.035	264	194398	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.662	112	172018	115.658	ng		0.00
7) Phenol-d6	7.259	99	270464	117.923	ng		0.00
23) Nitrobenzene-d5	9.263	82	287395	114.851	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	142508	113.029	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	635261	110.535	ng		0.00
79) Terphenyl-d14	20.072	244	1175726	106.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	43492	61.233	ng		99
3) Pyridine	3.946	79	117921	62.948	ng		96
4) n-Nitrosodimethylamine	3.858	42	55532	59.862	ng	#	88
6) Aniline	7.424	93	151550	57.015	ng		99
8) 2-Chlorophenol	7.665	128	88563	55.157	ng		98
9) Benzaldehyde	7.236	77	72778m	53.085	ng		
10) Phenol	7.289	94	129613	56.773	ng		95
11) bis(2-Chloroethyl)ether	7.512	93	94999	57.725	ng		96
12) 1,3-Dichlorobenzene	7.988	146	106200	56.919	ng		95
13) 1,4-Dichlorobenzene	8.135	146	105548	55.488	ng		97
14) 1,2-Dichlorobenzene	8.458	146	98030	53.443	ng		95
15) Benzyl Alcohol	8.335	79	116852	57.318	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.622	45	152507	55.506	ng		99
17) 2-Methylphenol	8.540	107	86702	56.121	ng		95
18) Hexachloroethane	9.186	117	38537	54.026	ng		90
19) n-Nitroso-di-n-propyla...	8.898	70	96012	57.179	ng		98
20) 3+4-Methylphenols	8.869	107	125603	57.592	ng		98
22) Acetophenone	8.922	105	165415	58.684	ng	#	96
24) Nitrobenzene	9.304	77	139615	57.362	ng		99
25) Isophorone	9.827	82	244765	57.548	ng		99
26) 2-Nitrophenol	10.020	139	58425	57.405	ng		99
27) 2,4-Dimethylphenol	10.073	122	85122	58.397	ng		99
28) bis(2-Chloroethoxy)met...	10.302	93	138838	58.104	ng		97
29) 2,4-Dichlorophenol	10.561	162	107320	58.566	ng		93
30) 1,2,4-Trichlorobenzene	10.772	180	115268	55.579	ng		97
31) Naphthalene	10.960	128	309001	57.004	ng		98
32) Benzoic acid	10.255	122	57742m	73.158	ng		
33) 4-Chloroaniline	11.066	127	135701	58.458	ng		97
34) Hexachlorobutadiene	11.248	225	85130	55.258	ng		97
35) Caprolactam	11.847	113	39082	60.507	ng	#	88
36) 4-Chloro-3-methylphenol	12.188	107	125123	58.651	ng		94
37) 2-Methylnaphthalene	12.558	142	228737	57.026	ng		99
38) 1-Methylnaphthalene	12.776	142	225551	57.608	ng		97
40) 1,2,4,5-Tetrachloroben...	12.928	216	151244	56.192	ng		99
41) Hexachlorocyclopentadiene	12.905	237	58255	41.927	ng		97
43) 2,4,6-Trichlorophenol	13.163	196	102951	55.477	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.240	196	111252	56.259	ng		97
46)	1,1'-Biphenyl	13.557	154	320452	56.151	ng		99
47)	2-Chloronaphthalene	13.604	162	249888	54.883	ng		99
48)	2-Nitroaniline	13.804	65	97747	56.570	ng		100
49)	Acenaphthylene	14.450	152	403775	56.651	ng		99
50)	Dimethylphthalate	14.174	163	354406	55.913	ng		100
51)	2,6-Dinitrotoluene	14.291	165	71680	54.207	ng		96
52)	Acenaphthene	14.790	154	240348	49.726	ng		98
53)	3-Nitroaniline	14.626	138	82244	58.819	ng		99
54)	2,4-Dinitrophenol	14.837	184	46191	54.899	ng		95
55)	Dibenzofuran	15.119	168	423461	55.951	ng		97
56)	4-Nitrophenol	14.943	139	60320	56.564	ng		97
57)	2,4-Dinitrotoluene	15.084	165	109288	58.051	ng		91
58)	Fluorene	15.771	166	340721	55.739	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.349	232	107701	56.082	ng		97
60)	Diethylphthalate	15.531	149	364137	54.830	ng		98
61)	4-Chlorophenyl-phenyle...	15.754	204	194839	56.228	ng		98
62)	4-Nitroaniline	15.789	138	83430	56.545	ng		98
63)	Azobenzene	16.048	77	375146	56.027	ng		99
65)	4,6-Dinitro-2-methylph...	15.848	198	75535	56.129	ng		98
66)	n-Nitrosodiphenylamine	15.971	169	302677	54.567	ng		98
67)	4-Bromophenyl-phenylether	16.647	248	137585	55.666	ng		92
68)	Hexachlorobenzene	16.782	284	149393	55.814	ng		97
69)	Atrazine	16.911	200	122376	56.479	ng		94
70)	Pentachlorophenol	17.123	266	80246	54.856	ng		93
71)	Phenanthrene	17.510	178	576360	54.704	ng		97
72)	Anthracene	17.604	178	565610	54.188	ng		99
73)	Carbazole	17.869	167	548753	54.084	ng		99
74)	Di-n-butylphthalate	18.415	149	614166	53.371	ng		99
75)	Fluoranthene	19.513	202	732867	54.265	ng		98
77)	Benzidine	19.690	184	226722	42.566	ng		98
78)	Pyrene	19.878	202	729290	54.853	ng		99
80)	Butylbenzylphthalate	20.747	149	275693	55.620	ng		96
81)	Benzo(a)anthracene	21.728	228	714528	55.980	ng		99
82)	3,3'-Dichlorobenzidine	21.634	252	181757	38.720	ng		98
83)	Chrysene	21.799	228	659293	55.656	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.617	149	377574	56.354	ng		99
85)	Di-n-octyl phthalate	22.844	149	643881	57.461	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.807	276	833103	57.683	ng	#	99
88)	Benzo(b)fluoranthene	23.990	252	714946	58.290	ng		100
89)	Benzo(k)fluoranthene	24.060	252	673639	55.882	ng		99
90)	Benzo(a)pyrene	24.877	252	604301	57.833	ng		98
91)	Dibenzo(a,h)anthracene	28.854	278	673648	56.671	ng		98
92)	Benzo(g,h,i)perylene	29.988	276	679422	57.989	ng		99

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

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