Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053678.D
Acq On : 24 May 2022 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 14:59:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

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05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	25249	20.000	ng	0.00
21) Naphthalene-d8	10.867	136	96496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.686	164	72760	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	172870	20.000	ng	0.00
76) Chrysene-d12	21.711	240	164258	20.000	ng	0.00
86) Perylene-d12	24.972	264	161885	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	122582	82.395	ng	0.00
7) Phenol-d6	7.231	99	183599	81.315	ng	0.00
23) Nitrobenzene-d5	9.222	82	191494	84.476	ng	0.00
42) 2,4,6-Tribromophenol	16.183	330	87657	81.684	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	419253	84.201	ng	0.00
79) Terphenyl-d14	20.037	244	729757	82.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.495	88	27330	35.012	ng	95
3) Pyridine	3.900	79	73166	38.380	ng	93
4) n-Nitrosodimethylamine	3.812	42	36579	39.390	ng	96
6) Aniline	7.378	93	99372	39.737	ng	98
8) 2-Chlorophenol	7.625	128	62871	40.424	ng	96
9) Benzaldehyde	7.196	77	52938m	36.906	ng	
10) Phenol	7.254	94	88042	39.869	ng	94
11) bis(2-Chloroethyl)ether	7.472	93	65152	39.559	ng	96
12) 1,3-Dichlorobenzene	7.948	146	73017	39.796	ng	88
13) 1,4-Dichlorobenzene	8.094	146	75291	40.665	ng	97
14) 1,2-Dichlorobenzene	8.412	146	71918	41.364	ng	99
15) Benzyl Alcohol	8.300	79	73085	38.717	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.582	45	105316	39.290	ng	96
17) 2-Methylphenol	8.506	107	59469	39.844	ng	98
18) Hexachloroethane	9.140	117	27687	39.378	ng	94
19) n-Nitroso-di-n-propyla...	8.858	70	62979	38.876	ng	96
20) 3+4-Methylphenols	8.835	107	82023	38.911	ng	95
22) Acetophenone	8.882	105	109052	41.292	ng	98
24) Nitrobenzene	9.263	77	91549	41.727	ng	98
25) Isophorone	9.786	82	156069	40.909	ng	98
26) 2-Nitrophenol	9.980	139	38596	43.434	ng	95
27) 2,4-Dimethylphenol	10.039	122	53949	40.341	ng	97
28) bis(2-Chloroethoxy)met...	10.262	93	87614	39.931	ng	99
29) 2,4-Dichlorophenol	10.526	162	68172	42.238	ng	94
30) 1,2,4-Trichlorobenzene	10.732	180	79439	43.319	ng	98
31) Naphthalene	10.920	128	208902	42.559	ng	98
32) Benzoic acid	10.227	122	24144m	32.262	ng	
33) 4-Chloroaniline	11.032	127	84637	41.173	ng	98
34) Hexachlorobutadiene	11.202	225	59944	44.083	ng	95
35) Caprolactam	11.813	113	21941	37.408	ng	95
36) 4-Chloro-3-methylphenol	12.160	107	76656	39.705	ng	99
37) 2-Methylnaphthalene	12.518	142	148436	40.522	ng	98
38) 1-Methylnaphthalene	12.741	142	143875	40.256	ng	98
40) 1,2,4,5-Tetrachloroben...	12.888	216	96355	42.012	ng	99
41) Hexachlorocyclopentadiene	12.870	237	39317	46.274	ng	97
43) 2,4,6-Trichlorophenol	13.135	196	62899	42.015	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	64936	40.755	ng		99
46) 1,1'-Biphenyl	13.522	154	207590	41.856	ng		98
47) 2-Chloronaphthalene	13.569	162	160382	41.275	ng		98
48) 2-Nitroaniline	13.769	65	61937	42.777	ng		93
49) Acenaphthylene	14.409	152	252570	40.733	ng		99
50) Dimethylphthalate	14.139	163	219298	39.663	ng		99
51) 2,6-Dinitrotoluene	14.263	165	44182	39.222	ng		99
52) Acenaphthene	14.750	154	148871	40.287	ng		99
53) 3-Nitroaniline	14.597	138	47914	39.367	ng		99
54) 2,4-Dinitrophenol	14.821	184	23071	35.991	ng		93
55) Dibenzofuran	15.085	168	267007	40.228	ng		96
56) 4-Nitrophenol	14.932	139	27832	32.016	ng		91
57) 2,4-Dinitrotoluene	15.056	165	66677	40.836	ng	#	91
58) Fluorene	15.737	166	213124	40.013	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.326	232	58244	36.028	ng		99
60) Diethylphthalate	15.496	149	223949	39.211	ng		96
61) 4-Chlorophenyl-phenyle...	15.719	204	121424	40.853	ng		96
62) 4-Nitroaniline	15.761	138	50260	39.813	ng		97
63) Azobenzene	16.013	77	230918	39.484	ng		99
65) 4,6-Dinitro-2-methylph...	15.825	198	45431	44.104	ng		98
66) n-Nitrosodiphenylamine	15.937	169	187671	41.349	ng		100
67) 4-Bromophenyl-phenylether	16.612	248	84650	41.928	ng		98
68) Hexachlorobenzene	16.747	284	89783	40.606	ng		97
69) Atrazine	16.883	200	74548	39.015	ng		98
70) Pentachlorophenol	17.100	266	36113m	33.215	ng		
71) Phenanthrene	17.476	178	353620	40.229	ng		96
72) Anthracene	17.570	178	351664	40.702	ng		97
73) Carbazole	17.840	167	337837	39.898	ng		99
74) Di-n-butylphthalate	18.381	149	380959	40.003	ng		99
75) Fluoranthene	19.485	202	445823	39.171	ng		99
77) Benzidine	19.661	184	129608	36.609	ng		100
78) Pyrene	19.849	202	442960	41.658	ng		99
80) Butylbenzylphthalate	20.719	149	161635	41.454	ng		96
81) Benzo(a)anthracene	21.694	228	420224	40.110	ng		100
82) 3,3'-Dichlorobenzidine	21.600	252	111075	41.808	ng		98
83) Chrysene	21.758	228	391553	40.016	ng		97
84) Bis(2-ethylhexyl)phtha...	21.582	149	223830	41.591	ng		100
85) Di-n-octyl phthalate	22.798	149	368116	40.450	ng		99
87) Indeno(1,2,3-cd)pyrene	28.725	276	460187	40.815	ng	#	95
88) Benzo(b)fluoranthene	23.938	252	397815	41.516	ng		99
89) Benzo(k)fluoranthene	24.002	252	389417	41.357	ng		99
90) Benzo(a)pyrene	24.825	252	337134	41.336	ng		99
91) Dibenzo(a,h)anthracene	28.772	278	385437	41.487	ng		100
92) Benzo(g,h,i)perylene	29.894	276	373626	40.571	ng		98

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

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