Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053747.D
Acq On : 28 May 2022 12:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 29 02:18:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 29 02:17:06 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	18800	20.000	ng		0.00
21) Naphthalene-d8	10.759	136	76725	20.000	ng	#	0.00
39) Acenaphthene-d10	14.595	164	62408	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	155042	20.000	ng		0.00
76) Chrysene-d12	21.609	240	136869	20.000	ng		0.00
86) Perylene-d12	24.787	264	134615	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	82268	74.266	ng		0.00
7) Phenol-d6	7.152	99	131513	78.227	ng		0.00
23) Nitrobenzene-d5	9.120	82	144265	80.041	ng		0.00
42) 2,4,6-Tribromophenol	16.093	330	81286	88.312	ng		0.00
45) 2-Fluorobiphenyl	13.215	172	344216	80.598	ng		0.00
79) Terphenyl-d14	19.953	244	640059	87.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	21144	36.379	ng		93
3) Pyridine	3.757	79	49389	34.795	ng		95
4) n-Nitrosodimethylamine	3.669	42	24824	35.902	ng		87
6) Aniline	7.276	93	72354	38.858	ng		96
8) 2-Chlorophenol	7.523	128	44822	38.705	ng		98
9) Benzaldehyde	7.082	77	38559m	36.103	ng		
10) Phenol	7.176	94	62892	38.250	ng		95
11) bis(2-Chloroethyl)ether	7.364	93	45407	37.028	ng		96
12) 1,3-Dichlorobenzene	7.840	146	53022	38.811	ng		91
13) 1,4-Dichlorobenzene	7.987	146	52889	38.364	ng		99
14) 1,2-Dichlorobenzene	8.304	146	52041	40.200	ng		99
15) Benzyl Alcohol	8.198	79	56677	40.324	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.474	45	70810	35.479	ng		94
17) 2-Methylphenol	8.421	107	44116	39.697	ng		97
18) Hexachloroethane	9.026	117	19876	37.966	ng		94
19) n-Nitroso-di-n-propyla...	8.756	70	48407	40.131	ng		98
20) 3+4-Methylphenols	8.756	107	61511m	39.190	ng		
22) Acetophenone	8.774	105	84263	40.128	ng	#	91
24) Nitrobenzene	9.161	77	68515	39.275	ng		99
25) Isophorone	9.684	82	121898	40.186	ng		98
26) 2-Nitrophenol	9.872	139	28630	40.521	ng		93
27) 2,4-Dimethylphenol	9.954	122	41622	39.144	ng		96
28) bis(2-Chloroethoxy)met...	10.160	93	66681	38.222	ng	#	97
29) 2,4-Dichlorophenol	10.436	162	54838	42.731	ng		92
30) 1,2,4-Trichlorobenzene	10.624	180	62171	42.639	ng		96
31) Naphthalene	10.812	128	157525	40.362	ng		99
32) Benzoic acid	10.154	122	19664m	32.840	ng		
33) 4-Chloroaniline	10.924	127	66987	40.984	ng		96
34) Hexachlorobutadiene	11.094	225	46974	43.446	ng		91
35) Caprolactam	11.705	113	19336	41.462	ng		95
36) 4-Chloro-3-methylphenol	12.081	107	63421	41.315	ng		99
37) 2-Methylnaphthalene	12.422	142	116880	40.129	ng		96
38) 1-Methylnaphthalene	12.639	142	115033m	40.480	ng		
40) 1,2,4,5-Tetrachloroben...	12.792	216	82788	42.085	ng		99
41) Hexachlorocyclopentadiene	12.768	237	23724	35.174	ng		94
43) 2,4,6-Trichlorophenol	13.044	196	52752	41.082	ng		94

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44) 2,4,5-Trichlorophenol	13.133	196	56631	41.438	ng		98
46) 1,1'-Biphenyl	13.426	154	169694	39.891	ng		97
47) 2-Chloronaphthalene	13.473	162	133244	39.979	ng		99
48) 2-Nitroaniline	13.685	65	50482	40.649	ng		98
49) Acenaphthylene	14.319	152	209886	39.464	ng		98
50) Dimethylphthalate	14.049	163	189055	39.865	ng		99
51) 2,6-Dinitrotoluene	14.172	165	39100	40.469	ng		99
52) Acenaphthene	14.660	154	125483	39.591	ng		99
53) 3-Nitroaniline	14.513	138	40499	38.794	ng		96
54) 2,4-Dinitrophenol	14.736	184	21777	38.981	ng		97
55) Dibenzofuran	14.995	168	228534	40.143	ng		99
56) 4-Nitrophenol	14.871	139	28100	37.686	ng		95
57) 2,4-Dinitrotoluene	14.965	165	55972	39.966	ng	#	87
58) Fluorene	15.641	166	185938	40.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.236	232	56933	41.059	ng		95
60) Diethylphthalate	15.406	149	195301	39.867	ng		99
61) 4-Chlorophenyl-phenyle...	15.629	204	106516	41.782	ng		98
62) 4-Nitroaniline	15.676	138	42460	39.214	ng		93
63) Azobenzene	15.923	77	192331	38.341	ng		97
65) 4,6-Dinitro-2-methylph...	15.741	198	40287	43.608	ng		97
66) n-Nitrosodiphenylamine	15.847	169	162614	39.948	ng		99
67) 4-Bromophenyl-phenylether	16.528	248	77605	42.859	ng		95
68) Hexachlorobenzene	16.657	284	82810	41.759	ng		96
69) Atrazine	16.798	200	66190	38.625	ng		93
70) Pentachlorophenol	17.016	266	39923	39.860	ng		94
71) Phenanthrene	17.386	178	315199	39.982	ng		98
72) Anthracene	17.474	178	309110	39.891	ng		99
73) Carbazole	17.750	167	294748	38.811	ng		99
74) Di-n-butylphthalate	18.296	149	332974	38.985	ng		99
75) Fluoranthene	19.395	202	378553	37.085	ng		97
77) Benzidine	19.577	184	115960	39.308	ng		97
78) Pyrene	19.759	202	375559	42.387	ng		98
80) Butylbenzylphthalate	20.634	149	131120	40.357	ng		97
81) Benzo(a)anthracene	21.586	228	343256	39.320	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	91857	41.493	ng		98
83) Chrysene	21.650	228	324267	39.771	ng		99
84) Bis(2-ethylhexyl)phtha...	21.480	149	176556	39.371	ng		99
85) Di-n-octyl phthalate	22.667	149	291442	38.434	ng		99
87) Indeno(1,2,3-cd)pyrene	28.435	276	387948	41.378	ng		99
88) Benzo(b)fluoranthene	23.777	252	317193	39.808	ng		99
89) Benzo(k)fluoranthene	23.842	252	328595m	41.967	ng		
90) Benzo(a)pyrene	24.640	252	275220	40.581	ng		99
91) Dibenzo(a,h)anthracene	28.482	278	324181	41.963	ng		96
92) Benzo(g,h,i)perylene	29.569	276	315906	41.253	ng		95

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

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