Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
Data File : BG053790.D
Acq On : 2 Jun 2022 13:46
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 17:30:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:26:39 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	20987	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	84345	20.000	ng		0.00
39) Acenaphthene-d10	14.718	164	60583	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	155509	20.000	ng		0.00
76) Chrysene-d12	21.733	240	166056	20.000	ng		0.00
86) Perylene-d12	25.000	264	168197	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	94557	76.464	ng		0.00
7) Phenol-d6	7.238	99	130763	69.675	ng		0.00
23) Nitrobenzene-d5	9.253	82	104867	52.926	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	61833	69.201	ng		0.00
45) 2-Fluorobiphenyl	13.343	172	328700	79.283	ng		0.00
79) Terphenyl-d14	20.064	244	684771	76.803	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.554	88	21724	33.482	ng		91
3) Pyridine	3.954	79	56760	35.821	ng	#	89
4) n-Nitrosodimethylamine	3.860	42	26463	34.284	ng		96
6) Aniline	7.414	93	79599	38.294	ng		99
8) 2-Chlorophenol	7.655	128	49375	38.193	ng		95
9) Benzaldehyde	7.226	77	37111	31.126	ng		84
10) Phenol	7.262	94	65877	35.890	ng		95
11) bis(2-Chloroethyl)ether	7.508	93	52029	38.007	ng		98
12) 1,3-Dichlorobenzene	7.984	146	61642	40.419	ng		94
13) 1,4-Dichlorobenzene	8.131	146	62580	40.663	ng		99
14) 1,2-Dichlorobenzene	8.449	146	59134	40.919	ng		98
15) Benzyl Alcohol	8.325	79	49139	31.318	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	91400	41.023	ng		98
17) 2-Methylphenol	8.525	107	45758	36.883	ng		91
18) Hexachloroethane	9.189	117	20305	34.744	ng		93
19) n-Nitroso-di-n-propyla...	8.895	70	45813	34.022	ng		90
20) 3+4-Methylphenols	8.848	107	63093	36.009	ng		94
22) Acetophenone	8.913	105	85852	37.191	ng	#	96
24) Nitrobenzene	9.295	77	54902	28.628	ng	#	89
25) Isophorone	9.818	82	119614	35.870	ng		96
26) 2-Nitrophenol	10.006	139	18377	23.660	ng	#	76
27) 2,4-Dimethylphenol	10.058	122	43193	36.951	ng		91
28) bis(2-Chloroethoxy)met...	10.299	93	64295	33.525	ng		97
29) 2,4-Dichlorophenol	10.540	162	54068	38.325	ng		92
30) 1,2,4-Trichlorobenzene	10.763	180	64835	40.449	ng		98
31) Naphthalene	10.951	128	176477	41.133	ng		98
32) Benzoic acid	10.176	122	24238m	39.011	ng		
33) 4-Chloroaniline	11.051	127	74090	41.234	ng		95
34) Hexachlorobutadiene	11.245	225	45886	38.606	ng		97
35) Caprolactam	11.815	113	14940	29.141	ng		94
36) 4-Chloro-3-methylphenol	12.156	107	56822	33.672	ng		90
37) 2-Methylnaphthalene	12.550	142	129330	40.392	ng		97
38) 1-Methylnaphthalene	12.767	142	124903	39.983	ng		96
40) 1,2,4,5-Tetrachloroben...	12.920	216	82808	43.363	ng		98
41) Hexachlorocyclopentadiene	12.902	237	43310	71.368	ng		94
43) 2,4,6-Trichlorophenol	13.149	196	46807	37.550	ng		99

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44) 2,4,5-Trichlorophenol	13.219	196	53115	40.036	ng		94
46) 1,1'-Biphenyl	13.554	154	174254	42.197	ng		98
47) 2-Chloronaphthalene	13.595	162	136552	42.205	ng		98
48) 2-Nitroaniline	13.783	65	30155	25.013	ng	#	86
49) Acenaphthylene	14.436	152	221425	42.888	ng		99
50) Dimethylphthalate	14.165	163	186318	40.471	ng		99
51) 2,6-Dinitrotoluene	14.277	165	29828	31.802	ng		89
52) Acenaphthene	14.782	154	139962	45.489	ng		100
53) 3-Nitroaniline	14.606	138	32836	32.401	ng		91
54) 2,4-Dinitrophenol	14.806	184	14625	29.122	ng	#	78
55) Dibenzofuran	15.111	168	223565	40.453	ng		96
56) 4-Nitrophenol	14.894	139	26198	36.193	ng	#	83
57) 2,4-Dinitrotoluene	15.058	165	39495	29.050	ng	#	96
58) Fluorene	15.758	166	185618	41.853	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.335	232	53464	39.719	ng		97
60) Diethylphthalate	15.528	149	193421	40.673	ng		98
61) 4-Chlorophenyl-phenyle...	15.752	204	98983	39.997	ng		95
62) 4-Nitroaniline	15.763	138	37067	35.264	ng	#	77
63) Azobenzene	16.046	77	173022	35.530	ng		92
65) 4,6-Dinitro-2-methylph...	15.828	198	22017	23.760	ng		83
66) n-Nitrosodiphenylamine	15.963	169	167915	41.126	ng		98
67) 4-Bromophenyl-phenylether	16.645	248	67575	37.207	ng		98
68) Hexachlorobenzene	16.768	284	76553	38.487	ng		96
69) Atrazine	16.909	200	68564	39.890	ng		97
70) Pentachlorophenol	17.103	266	43724	46.416	ng		99
71) Phenanthrene	17.497	178	331416	41.913	ng		97
72) Anthracene	17.591	178	329806	42.434	ng		99
73) Carbazole	17.855	167	295240	38.759	ng		99
74) Di-n-butylphthalate	18.419	149	357837	41.770	ng	#	97
75) Fluoranthene	19.506	202	431170	42.112	ng		97
77) Benzidine	19.677	184	165744	46.309	ng		98
78) Pyrene	19.865	202	443077	41.218	ng		99
80) Butylbenzylphthalate	20.758	149	149827	38.009	ng		91
81) Benzo(a)anthracene	21.715	228	449846	42.473	ng		99
82) 3,3'-Dichlorobenzidine	21.627	252	131542	48.976	ng		97
83) Chrysene	21.786	228	423254	42.788	ng		98
84) Bis(2-ethylhexyl)phtha...	21.633	149	210423	38.676	ng		96
85) Di-n-octyl phthalate	22.867	149	355291	38.618	ng		99
87) Indeno(1,2,3-cd)pyrene	28.731	276	508979	43.448	ng	#	97
88) Benzo(b)fluoranthene	23.966	252	433605	43.553	ng	#	99
89) Benzo(k)fluoranthene	24.030	252	418801m	42.808	ng		
90) Benzo(a)pyrene	24.847	252	365954	43.186	ng	#	98
91) Dibenzo(a,h)anthracene	28.801	278	422431	43.763	ng		98
92) Benzo(g,h,i)perylene	29.900	276	414858	43.358	ng	#	93

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

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