Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053603.D
Acq On : 18 May 2022 14:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 05:11:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/19/2022
Supervised By :Jagrut Upadhyay
05/19/2022
Supervised By :Jagrut Upadhyay
05/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	21666	20.000	ng		0.00
21) Naphthalene-d8	10.889	136	89681	20.000	ng	#	0.00
39) Acenaphthene-d10	14.707	164	71855	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	183939	20.000	ng		0.00
76) Chrysene-d12	21.739	240	183238	20.000	ng		0.00
86) Perylene-d12	25.017	264	195134	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	102516	80.303	ng		0.00
7) Phenol-d6	7.241	99	156634	80.845	ng		0.00
23) Nitrobenzene-d5	9.244	82	175784	83.439	ng		0.00
42) 2,4,6-Tribromophenol	16.199	330	93589	88.310	ng		0.00
45) 2-Fluorobiphenyl	13.332	172	403594	82.077	ng		0.00
79) Terphenyl-d14	20.059	244	823053	83.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.522	88	24978	37.290	ng		96
3) Pyridine	3.927	79	59401	36.313	ng		97
4) n-Nitrosodimethylamine	3.839	42	31752	39.847	ng	#	91
6) Aniline	7.399	93	71415	33.280	ng		99
8) 2-Chlorophenol	7.646	128	53732	40.261	ng		94
9) Benzaldehyde	7.211	77	47122	38.284	ng		93
10) Phenol	7.270	94	77101	40.689	ng		95
11) bis(2-Chloroethyl)ether	7.493	93	57286	40.535	ng		98
12) 1,3-Dichlorobenzene	7.969	146	63254m	40.176	ng		
13) 1,4-Dichlorobenzene	8.116	146	65123	40.990	ng		98
14) 1,2-Dichlorobenzene	8.433	146	60693	40.681	ng		99
15) Benzyl Alcohol	8.316	79	57627	35.577	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.603	45	95218	41.397	ng		94
17) 2-Methylphenol	8.521	107	51804	40.448	ng		94
18) Hexachloroethane	9.162	117	24028	39.825	ng		97
19) n-Nitroso-di-n-propyla...	8.880	70	57559	41.406	ng		97
20) 3+4-Methylphenols	8.856	107	75303	41.631	ng		99
22) Acetophenone	8.903	105	98941	40.311	ng	#	95
24) Nitrobenzene	9.285	77	84201	41.294	ng		98
25) Isophorone	9.808	82	147189	41.513	ng		98
26) 2-Nitrophenol	10.002	139	36143	43.764	ng		98
27) 2,4-Dimethylphenol	10.060	122	49490	39.819	ng		100
28) bis(2-Chloroethoxy)met...	10.284	93	84304	41.342	ng		98
29) 2,4-Dichlorophenol	10.548	162	63884	42.589	ng		92
30) 1,2,4-Trichlorobenzene	10.754	180	72241	42.388	ng		97
31) Naphthalene	10.941	128	188930	41.415	ng		99
32) Benzoic acid	10.225	122	19986m	29.663	ng		
33) 4-Chloroaniline	11.047	127	68798	36.011	ng		98
34) Hexachlorobutadiene	11.229	225	52749	41.739	ng		94
35) Caprolactam	11.817	113	23133	42.438	ng		93
36) 4-Chloro-3-methylphenol	12.175	107	75179	41.899	ng		96
37) 2-Methylnaphthalene	12.539	142	142291	41.796	ng		98
38) 1-Methylnaphthalene	12.757	142	138094	41.575	ng		92
40) 1,2,4,5-Tetrachloroben...	12.909	216	94194	41.587	ng		99
41) Hexachlorocyclopentadiene	12.886	237	25990	33.896	ng		96
43) 2,4,6-Trichlorophenol	13.150	196	62265	42.115	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	67939	43.177	ng		96
46) 1,1'-Biphenyl	13.544	154	201399	41.119	ng		98
47) 2-Chloronaphthalene	13.585	162	155760	40.590	ng		99
48) 2-Nitroaniline	13.791	65	63732	44.571	ng		99
49) Acenaphthylene	14.431	152	253589	41.413	ng		99
50) Dimethylphthalate	14.155	163	226036	41.396	ng		99
51) 2,6-Dinitrotoluene	14.278	165	46181	41.513	ng		97
52) Acenaphthene	14.772	154	149952	41.091	ng		98
53) 3-Nitroaniline	14.613	138	51631	42.955	ng		99
54) 2,4-Dinitrophenol	14.830	184	22372	35.453	ng		94
55) Dibenzofuran	15.106	168	271975	41.492	ng		100
56) 4-Nitrophenol	14.936	139	35221	41.026	ng		95
57) 2,4-Dinitrotoluene	15.071	165	68708	42.610	ng		94
58) Fluorene	15.753	166	219197	41.671	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.336	232	69320	43.420	ng		99
60) Diethylphthalate	15.512	149	233893	41.468	ng		99
61) 4-Chlorophenyl-phenyle...	15.741	204	123466	42.064	ng		99
62) 4-Nitroaniline	15.776	138	53974	43.294	ng		97
63) Azobenzene	16.035	77	242223	41.938	ng		99
65) 4,6-Dinitro-2-methylph...	15.841	198	46392	42.327	ng		93
66) n-Nitrosodiphenylamine	15.952	169	197811	40.960	ng		98
67) 4-Bromophenyl-phenylether	16.634	248	90757	42.248	ng		97
68) Hexachlorobenzene	16.763	284	95083	40.415	ng		97
69) Atrazine	16.898	200	80366	39.529	ng		98
70) Pentachlorophenol	17.115	266	43581	37.048	ng		91
71) Phenanthrene	17.497	178	381566	40.796	ng		98
72) Anthracene	17.585	178	377473	41.060	ng		99
73) Carbazole	17.856	167	371575	41.241	ng		100
74) Di-n-butylphthalate	18.402	149	424086	41.852	ng		99
75) Fluoranthene	19.506	202	493320	40.735	ng		97
77) Benzidine	19.683	184	59847	15.153	ng		97
78) Pyrene	19.865	202	501892	42.311	ng		98
80) Butylbenzylphthalate	20.740	149	185888	42.736	ng		97
81) Benzo(a)anthracene	21.715	228	481637	41.210	ng		100
82) 3,3'-Dichlorobenzidine	21.627	252	120684	40.720	ng		100
83) Chrysene	21.786	228	449840	41.211	ng		98
84) Bis(2-ethylhexyl)phtha...	21.604	149	257459	42.884	ng		99
85) Di-n-octyl phthalate	22.825	149	437817	43.126	ng		100
87) Indeno(1,2,3-cd)pyrene	28.776	276	555015	40.838	ng	#	98
88) Benzo(b)fluoranthene	23.971	252	473494	40.994	ng		99
89) Benzo(k)fluoranthene	24.041	252	463120	40.803	ng		98
90) Benzo(a)pyrene	24.858	252	400123	40.700	ng	#	97
91) Dibenzo(a,h)anthracene	28.829	278	456508	40.765	ng		98
92) Benzo(g,h,i)perylene	29.945	276	450708	40.602	ng		97

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

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