Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056579.D
Acq On : 8 Feb 2023 12:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 02:06:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.265	152	35156	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	139635	20.000	ng		0.00
39) Acenaphthene-d10	14.893	164	114069	20.000	ng		0.00
64) Phenanthrene-d10	17.631	188	282982	20.000	ng		0.00
76) Chrysene-d12	21.925	240	257793	20.000	ng		0.00
86) Perylene-d12	25.345	264	283090	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.786	112	154709	80.953	ng		0.00
7) Phenol-d6	7.419	99	227181	80.230	ng		0.00
23) Nitrobenzene-d5	9.446	82	192417	78.250	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	116336	76.715	ng		0.00
45) 2-Fluorobiphenyl	13.518	172	646272	78.550	ng		0.00
79) Terphenyl-d14	20.210	244	1145304	78.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	31972	40.178	ng		99
3) Pyridine	4.011	79	94688	39.917	ng		97
4) n-Nitrosodimethylamine	3.923	42	20613	40.862	ng	#	99
6) Aniline	7.583	93	147285	39.728	ng		97
8) 2-Chlorophenol	7.830	128	83891	39.959	ng		99
9) Benzaldehyde	7.395	77	51942m	40.228	ng		
10) Phenol	7.448	94	113425	39.412	ng		97
11) bis(2-Chloroethyl)ether	7.672	93	79901	40.391	ng		95
12) 1,3-Dichlorobenzene	8.153	146	97043	40.147	ng		98
13) 1,4-Dichlorobenzene	8.300	146	97666	39.897	ng		95
14) 1,2-Dichlorobenzene	8.629	146	94484	39.782	ng		94
15) Benzyl Alcohol	8.506	79	78274	40.290	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.794	45	18107	43.200	ng		93
17) 2-Methylphenol	8.712	107	87512	39.970	ng		95
18) Hexachloroethane	9.364	117	29134	39.349	ng		94
19) n-Nitroso-di-n-propyla...	9.070	70	64660	39.625	ng		96
20) 3+4-Methylphenols	9.041	107	124239	40.491	ng		98
22) Acetophenone	9.099	105	145501	39.218	ng	#	99
24) Nitrobenzene	9.493	77	95497	40.262	ng		99
25) Isophorone	10.010	82	195539	38.545	ng		100
26) 2-Nitrophenol	10.204	139	57474	39.937	ng		98
27) 2,4-Dimethylphenol	10.251	122	95423m	39.620	ng		
28) bis(2-Chloroethoxy)met...	10.486	93	110225	39.331	ng		96
29) 2,4-Dichlorophenol	10.750	162	106521	39.292	ng		97
30) 1,2,4-Trichlorobenzene	10.962	180	117534	39.014	ng		98
31) Naphthalene	11.150	128	292921	39.745	ng		99
32) Benzoic acid	10.415	122	48776m	36.198	ng		
33) 4-Chloroaniline	11.256	127	138386	40.226	ng		99
34) Hexachlorobutadiene	11.420	225	84444	39.933	ng		99
35) Caprolactam	12.037	113	35288	38.595	ng		93
36) 4-Chloro-3-methylphenol	12.366	107	104994	40.103	ng		99
37) 2-Methylnaphthalene	12.736	142	239564	39.428	ng		100
38) 1-Methylnaphthalene	12.954	142	222618	39.231	ng		95
40) 1,2,4,5-Tetrachloroben...	13.101	216	164775	39.540	ng		99
41) Hexachlorocyclopentadiene	13.071	237	81179	40.192	ng		99
43) 2,4,6-Trichlorophenol	13.336	196	106138	39.522	ng		98

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44)	2,4,5-Trichlorophenol	13.418	196	122267	38.886	ng		99
46)	1,1'-Biphenyl	13.729	154	326148	39.420	ng		99
47)	2-Chloronaphthalene	13.776	162	253326	39.172	ng		98
48)	2-Nitroaniline	13.976	65	54371	40.670	ng		96
49)	Acenaphthylene	14.616	152	414654	39.410	ng		99
50)	Dimethylphthalate	14.334	163	359668	38.974	ng		99
51)	2,6-Dinitrotoluene	14.464	165	79433	39.469	ng		98
52)	Acenaphthene	14.957	154	241917	38.772	ng		99
53)	3-Nitroaniline	14.799	138	79221	40.604	ng		92
54)	2,4-Dinitrophenol	15.010	184	49660	39.360	ng		95
55)	Dibenzofuran	15.286	168	439976	39.320	ng		98
56)	4-Nitrophenol	15.104	139	47425	35.573	ng		98
57)	2,4-Dinitrotoluene	15.251	165	114169	40.274	ng	#	99
58)	Fluorene	15.933	166	349702	39.275	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.515	232	106081m	37.945	ng		
60)	Diethylphthalate	15.680	149	334834	38.639	ng		99
61)	4-Chlorophenyl-phenyle...	15.915	204	212286	39.073	ng		98
62)	4-Nitroaniline	15.956	138	77795	39.848	ng		99
63)	Azobenzene	16.209	77	232654	39.018	ng		99
65)	4,6-Dinitro-2-methylph...	16.021	198	76055	38.228	ng		96
66)	n-Nitrosodiphenylamine	16.126	169	321949	40.183	ng		99
67)	4-Bromophenyl-phenylether	16.808	248	145679	40.213	ng		99
68)	Hexachlorobenzene	16.937	284	141051	39.754	ng		98
69)	Atrazine	17.066	200	127639	41.294	ng		99
70)	Pentachlorophenol	17.284	266	76003	35.401	ng		95
71)	Phenanthrene	17.678	178	581125	39.237	ng		99
72)	Anthracene	17.766	178	601410	39.557	ng		99
73)	Carbazole	18.030	167	510041	39.389	ng		99
74)	Di-n-butylphthalate	18.553	149	536396	39.452	ng		99
75)	Fluoranthene	19.669	202	721168	38.580	ng		99
77)	Benzidine	19.834	184	252967	36.261	ng		98
78)	Pyrene	20.028	202	723175	39.443	ng		100
80)	Butylbenzylphthalate	20.880	149	223331	39.884	ng		98
81)	Benzo(a)anthracene	21.902	228	710230	39.408	ng		100
82)	3,3'-Dichlorobenzidine	21.802	252	257273	39.640	ng		99
83)	Chrysene	21.972	228	666702	39.375	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.755	149	312714	38.952	ng		99
85)	Di-n-octyl phthalate	23.024	149	531513	39.755	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.299	276	816099	39.382	ng	#	95
88)	Benzo(b)fluoranthene	24.252	252	692890	39.433	ng		99
89)	Benzo(k)fluoranthene	24.323	252	706010	39.797	ng		99
90)	Benzo(a)pyrene	25.186	252	686495	39.662	ng		98
91)	Dibenzo(a,h)anthracene	29.358	278	689950	39.665	ng		98
92)	Benzo(g,h,i)perylene	30.533	276	669460	39.887	ng		99

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

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