Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056619.D
Acq On : 13 Feb 2023 13:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 14 02:05:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	37949	20.000	ng		0.00
21) Naphthalene-d8	11.043	136	155737	20.000	ng		0.00
39) Acenaphthene-d10	14.838	164	122721	20.000	ng		0.00
64) Phenanthrene-d10	17.582	188	301992	20.000	ng		0.00
76) Chrysene-d12	21.859	240	278649	20.000	ng		0.00
86) Perylene-d12	25.232	264	303710	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.725	112	166872	80.891	ng		0.00
7) Phenol-d6	7.365	99	254438	83.243	ng		0.00
23) Nitrobenzene-d5	9.386	82	216941	79.101	ng		0.00
42) 2,4,6-Tribromophenol	16.325	330	120378	73.784	ng		0.00
45) 2-Fluorobiphenyl	13.463	172	709820	80.191	ng		0.00
79) Terphenyl-d14	20.156	244	1229015	77.467	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	37458	43.607	ng		96
3) Pyridine	3.928	79	106653	41.652	ng		98
4) n-Nitrosodimethylamine	3.839	42	21442	39.377	ng		92
6) Aniline	7.517	93	163649	40.893	ng		96
8) 2-Chlorophenol	7.770	128	91172	40.231	ng		96
9) Benzaldehyde	7.329	77	55699m	39.842	ng		
10) Phenol	7.388	94	126308	40.658	ng		99
11) bis(2-Chloroethyl)ether	7.611	93	87208	40.840	ng		97
12) 1,3-Dichlorobenzene	8.093	146	104041	39.874	ng		99
13) 1,4-Dichlorobenzene	8.240	146	106458	40.288	ng		98
14) 1,2-Dichlorobenzene	8.563	146	104454	40.743	ng		98
15) Benzyl Alcohol	8.446	79	86099	41.056	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.734	45	19096	42.207	ng		96
17) 2-Methylphenol	8.657	107	98462	41.661	ng		94
18) Hexachloroethane	9.298	117	32298	40.412	ng		99
19) n-Nitroso-di-n-propyla...	9.016	70	72106	40.935	ng	#	99
20) 3+4-Methylphenols	8.986	107	136182	41.116	ng		99
22) Acetophenone	9.039	105	166461	40.228	ng		99
24) Nitrobenzene	9.433	77	104592	39.537	ng		97
25) Isophorone	9.950	82	220311	38.938	ng		99
26) 2-Nitrophenol	10.150	139	65149	40.590	ng		97
27) 2,4-Dimethylphenol	10.197	122	107468m	40.008	ng		
28) bis(2-Chloroethoxy)met...	10.426	93	122902	39.320	ng		97
29) 2,4-Dichlorophenol	10.696	162	121618	40.223	ng		98
30) 1,2,4-Trichlorobenzene	10.902	180	131493	39.135	ng		98
31) Naphthalene	11.090	128	326910	39.771	ng		99
32) Benzoic acid	10.391	122	59112m	39.333	ng		
33) 4-Chloroaniline	11.195	127	152238	39.677	ng		99
34) Hexachlorobutadiene	11.360	225	92588	39.257	ng		97
35) Caprolactam	11.983	113	36311	35.608	ng		95
36) 4-Chloro-3-methylphenol	12.318	107	117891	40.374	ng		99
37) 2-Methylnaphthalene	12.682	142	264691	39.060	ng		100
38) 1-Methylnaphthalene	12.899	142	246588	38.962	ng		95
40) 1,2,4,5-Tetrachloroben...	13.046	216	182337	40.669	ng		99
41) Hexachlorocyclopentadiene	13.017	237	88066	40.475	ng		98
43) 2,4,6-Trichlorophenol	13.287	196	113260	39.201	ng		99

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44)	2,4,5-Trichlorophenol	13.369	196	126048	37.262	ng		96
46)	1,1'-Biphenyl	13.675	154	358853	40.315	ng		99
47)	2-Chloronaphthalene	13.728	162	285912	41.094	ng		99
48)	2-Nitroaniline	13.928	65	59464	41.344	ng		96
49)	Acenaphthylene	14.568	152	458086	40.468	ng		99
50)	Dimethylphthalate	14.280	163	391347	39.417	ng		100
51)	2,6-Dinitrotoluene	14.415	165	86582	39.988	ng		96
52)	Acenaphthene	14.903	154	267403	39.835	ng		97
53)	3-Nitroaniline	14.744	138	84705	40.354	ng		99
54)	2,4-Dinitrophenol	14.968	184	64644m	47.624	ng		
55)	Dibenzofuran	15.238	168	476526	39.584	ng		99
56)	4-Nitrophenol	15.073	139	55170	38.465	ng		97
57)	2,4-Dinitrotoluene	15.203	165	120721	39.583	ng		99
58)	Fluorene	15.884	166	373818	39.024	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.467	232	106769	35.498	ng		98
60)	Diethylphthalate	15.631	149	361519	38.777	ng		99
61)	4-Chlorophenyl-phenyle...	15.861	204	231611	39.624	ng		97
62)	4-Nitroaniline	15.908	138	85593	40.751	ng		98
63)	Azobenzene	16.154	77	255649	39.852	ng		96
65)	4,6-Dinitro-2-methylph...	15.972	198	76152	35.867	ng		96
66)	n-Nitrosodiphenylamine	16.078	169	343710	40.199	ng		100
67)	4-Bromophenyl-phenylether	16.754	248	154924	40.073	ng		98
68)	Hexachlorobenzene	16.889	284	152302	40.223	ng		98
69)	Atrazine	17.018	200	129629	39.298	ng		99
70)	Pentachlorophenol	17.235	266	85170	37.174	ng		97
71)	Phenanthrene	17.623	178	622899	39.410	ng		99
72)	Anthracene	17.711	178	641049	39.510	ng		99
73)	Carbazole	17.982	167	543217	39.310	ng		99
74)	Di-n-butylphthalate	18.505	149	574353	39.584	ng		99
75)	Fluoranthene	19.615	202	771915	38.695	ng		99
77)	Benzidine	19.785	184	270727	35.903	ng		98
78)	Pyrene	19.979	202	786216	39.672	ng		100
80)	Butylbenzylphthalate	20.831	149	245627	40.583	ng		99
81)	Benzo(a)anthracene	21.836	228	773897	39.726	ng		99
82)	3,3'-Dichlorobenzidine	21.742	252	280220	39.944	ng		98
83)	Chrysene	21.906	228	727112	39.729	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.695	149	347806	40.081	ng		99
85)	Di-n-octyl phthalate	22.946	149	578398	40.024	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.127	276	883077	39.721	ng	#	90
88)	Benzo(b)fluoranthene	24.157	252	759976	40.315	ng		100
89)	Benzo(k)fluoranthene	24.227	252	744420	39.113	ng		99
90)	Benzo(a)pyrene	25.073	252	734443	39.551	ng		97
91)	Dibenzo(a,h)anthracene	29.180	278	742471	39.786	ng		99
92)	Benzo(g,h,i)perylene	30.350	276	719050	39.933	ng		98

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

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