Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056508.D
Acq On : 2 Feb 2023 10:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 05:18:47 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 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.270	152	36951	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	144649	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	119765	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	289034	20.000	ng		0.00
76) Chrysene-d12	21.925	240	275105	20.000	ng		0.00
86) Perylene-d12	25.344	264	305567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	161767	80.535	ng		0.00
7) Phenol-d6	7.418	99	237082	79.660	ng		0.00
23) Nitrobenzene-d5	9.451	82	204242	80.179	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	117071	73.528	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	674502	78.082	ng		0.00
79) Terphenyl-d14	20.209	244	1213315	77.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	35092	41.956	ng		96
3) Pyridine	4.016	79	104693	41.991	ng		98
4) n-Nitrosodimethylamine	3.922	42	20652	38.950	ng		96
6) Aniline	7.589	93	155345	39.866	ng		97
8) 2-Chlorophenol	7.835	128	86163	39.047	ng		99
9) Benzaldehyde	7.401	77	57274	43.211	ng		94
10) Phenol	7.442	94	119649	39.555	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	85984	41.355	ng		96
12) 1,3-Dichlorobenzene	8.164	146	101664	40.015	ng		98
13) 1,4-Dichlorobenzene	8.311	146	104334	40.550	ng		97
14) 1,2-Dichlorobenzene	8.634	146	97328	38.988	ng		98
15) Benzyl Alcohol	8.511	79	80962	39.649	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.793	45	16919	38.405	ng		92
17) 2-Methylphenol	8.711	107	90459	39.309	ng		99
18) Hexachloroethane	9.375	117	31410	40.362	ng		96
19) n-Nitroso-di-n-propyla...	9.075	70	68202	39.765	ng		99
20) 3+4-Methylphenols	9.040	107	127709	39.600	ng		99
22) Acetophenone	9.104	105	150826	39.244	ng	#	99
24) Nitrobenzene	9.492	77	100893	41.062	ng		96
25) Isophorone	10.015	82	208181	39.615	ng		99
26) 2-Nitrophenol	10.209	139	61249	41.085	ng		98
27) 2,4-Dimethylphenol	10.256	122	101120	40.530	ng		96
28) bis(2-Chloroethoxy)met...	10.491	93	117241	40.384	ng		96
29) 2,4-Dichlorophenol	10.750	162	112275	39.979	ng		96
30) 1,2,4-Trichlorobenzene	10.967	180	126318	40.476	ng		98
31) Naphthalene	11.161	128	304978	39.947	ng		98
32) Benzoic acid	10.403	122	53703m	38.473	ng		
33) 4-Chloroaniline	11.261	127	141966	39.836	ng		99
34) Hexachlorobutadiene	11.431	225	91500	41.770	ng		98
35) Caprolactam	12.036	113	34343	36.260	ng		99
36) 4-Chloro-3-methylphenol	12.365	107	108836	40.130	ng		98
37) 2-Methylnaphthalene	12.741	142	245980	39.081	ng		99
38) 1-Methylnaphthalene	12.959	142	233200	39.671	ng		94
40) 1,2,4,5-Tetrachloroben...	13.106	216	172909	39.518	ng		100
41) Hexachlorocyclopentadiene	13.076	237	81287	38.626	ng		99
43) 2,4,6-Trichlorophenol	13.341	196	110040	39.026	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	126663	38.368	ng		97
46) 1,1'-Biphenyl	13.734	154	342221	39.395	ng		100
47) 2-Chloronaphthalene	13.781	162	267999	39.470	ng		98
48) 2-Nitroaniline	13.981	65	54907	39.118	ng		99
49) Acenaphthylene	14.622	152	430313	38.953	ng		99
50) Dimethylphthalate	14.340	163	370324	38.220	ng		100
51) 2,6-Dinitrotoluene	14.463	165	80159	37.936	ng		99
52) Acenaphthene	14.962	154	252176	38.494	ng		99
53) 3-Nitroaniline	14.798	138	78728	38.432	ng		97
54) 2,4-Dinitrophenol	15.009	184	47479	35.842	ng		99
55) Dibenzofuran	15.291	168	452382	38.505	ng		99
56) 4-Nitrophenol	15.097	139	52639	37.606	ng		96
57) 2,4-Dinitrotoluene	15.250	165	113934	38.280	ng		99
58) Fluorene	15.938	166	358474	38.346	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.515	232	113300	38.600	ng		99
60) Diethylphthalate	15.685	149	344249	37.836	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	226827	39.763	ng		99
62) 4-Nitroaniline	15.955	138	78160	38.131	ng		99
63) Azobenzene	16.214	77	245311	39.184	ng		99
65) 4,6-Dinitro-2-methylph...	16.014	198	79927	39.333	ng		96
66) n-Nitrosodiphenylamine	16.132	169	325577	39.785	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	149460	40.393	ng		99
68) Hexachlorobenzene	16.942	284	141608	39.075	ng		99
69) Atrazine	17.066	200	129179	40.917	ng		95
70) Pentachlorophenol	17.283	266	78440	35.771	ng		98
71) Phenanthrene	17.677	178	594645	39.309	ng		99
72) Anthracene	17.771	178	609857	39.273	ng		99
73) Carbazole	18.035	167	520169	39.330	ng		98
74) Di-n-butylphthalate	18.558	149	545268	39.265	ng		100
75) Fluoranthene	19.669	202	756633	39.629	ng		99
77) Benzidine	19.839	184	313456	42.105	ng		99
78) Pyrene	20.033	202	755663	38.621	ng		99
80) Butylbenzylphthalate	20.885	149	234341	39.217	ng		98
81) Benzo(a)anthracene	21.901	228	758498	39.437	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	272249	39.308	ng		98
83) Chrysene	21.972	228	717436	39.705	ng		99
84) Bis(2-ethylhexyl)phtha...	21.760	149	342614	39.991	ng		99
85) Di-n-octyl phthalate	23.035	149	577189	40.455	ng		100
87) Indeno(1,2,3-cd)pyrene	29.287	276	888546	39.724	ng	#	97
88) Benzo(b)fluoranthene	24.251	252	763472	40.254	ng		99
89) Benzo(k)fluoranthene	24.322	252	753845	39.367	ng		99
90) Benzo(a)pyrene	25.186	252	740707	39.646	ng		97
91) Dibenzo(a,h)anthracene	29.345	278	740917	39.462	ng		99
92) Benzo(g,h,i)perylene	30.532	276	723434	39.932	ng		98

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

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