Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056515.D
Acq On : 2 Feb 2023 15:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 05:22:38 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 :
SSTDCCC040EC

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	8.275	152	37140	20.000	ng		# 0.00
21) Naphthalene-d8	11.107	136	139632	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	115251	20.000	ng		0.00
64) Phenanthrene-d10	17.635	188	290071	20.000	ng		0.00
76) Chrysene-d12	21.924	240	272039	20.000	ng		0.00
86) Perylene-d12	25.350	264	304842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	156747	77.638	ng		0.00
7) Phenol-d6	7.418	99	231342	77.336	ng		0.00
23) Nitrobenzene-d5	9.456	82	202975	82.545	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	116090	75.767	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	669704	80.563	ng		0.00
79) Terphenyl-d14	20.208	244	1214264	78.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	33262	39.566	ng		97
3) Pyridine	4.016	79	102121	40.751	ng		95
4) n-Nitrosodimethylamine	3.928	42	20384	38.249	ng		93
6) Aniline	7.588	93	151196	38.604	ng		96
8) 2-Chlorophenol	7.835	128	81079	36.557	ng		95
9) Benzaldehyde	7.400	77	57748	43.419	ng		87
10) Phenol	7.447	94	116714	38.388	ng		97
11) bis(2-Chloroethyl)ether	7.682	93	83857	40.127	ng		96
12) 1,3-Dichlorobenzene	8.164	146	100385	39.311	ng		96
13) 1,4-Dichlorobenzene	8.311	146	99947	38.648	ng		98
14) 1,2-Dichlorobenzene	8.634	146	95859	38.205	ng		98
15) Benzyl Alcohol	8.510	79	81635	39.775	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.792	45	16702	37.719	ng		94
17) 2-Methylphenol	8.716	107	89436	38.666	ng		94
18) Hexachloroethane	9.374	117	31101	39.762	ng		91
19) n-Nitroso-di-n-propyla...	9.080	70	67304	39.042	ng		98
20) 3+4-Methylphenols	9.045	107	122023	37.644	ng		97
22) Acetophenone	9.104	105	147698	39.811	ng	#	99
24) Nitrobenzene	9.498	77	99120	41.790	ng		93
25) Isophorone	10.015	82	202397	39.898	ng		98
26) 2-Nitrophenol	10.214	139	56808	39.475	ng		97
27) 2,4-Dimethylphenol	10.255	122	95692	39.733	ng		97
28) bis(2-Chloroethoxy)met...	10.490	93	115362	41.165	ng		95
29) 2,4-Dichlorophenol	10.749	162	110215	40.655	ng		98
30) 1,2,4-Trichlorobenzene	10.966	180	124450	41.311	ng		97
31) Naphthalene	11.160	128	294904	40.015	ng		98
32) Benzoic acid	10.408	122	46910m	34.814	ng		
33) 4-Chloroaniline	11.260	127	135316	39.334	ng		97
34) Hexachlorobutadiene	11.431	225	91746	43.387	ng		97
35) Caprolactam	12.036	113	32380	35.416	ng		88
36) 4-Chloro-3-methylphenol	12.365	107	104172	39.790	ng		96
37) 2-Methylnaphthalene	12.747	142	242853	39.970	ng		98
38) 1-Methylnaphthalene	12.964	142	227209m	40.041	ng		
40) 1,2,4,5-Tetrachloroben...	13.105	216	173537	41.215	ng		99
41) Hexachlorocyclopentadiene	13.082	237	78388	38.694	ng		98
43) 2,4,6-Trichlorophenol	13.340	196	108867	40.123	ng		99

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44) 2,4,5-Trichlorophenol	13.416	196	122592	38.589	ng		99
46) 1,1'-Biphenyl	13.734	154	332507	39.776	ng		99
47) 2-Chloronaphthalene	13.787	162	260163	39.817	ng		100
48) 2-Nitroaniline	13.980	65	53240	39.416	ng		97
49) Acenaphthylene	14.627	152	419692	39.479	ng		100
50) Dimethylphthalate	14.339	163	358777	38.478	ng		99
51) 2,6-Dinitrotoluene	14.462	165	77802	38.262	ng		97
52) Acenaphthene	14.962	154	250060	39.666	ng		97
53) 3-Nitroaniline	14.797	138	73721	37.397	ng		95
54) 2,4-Dinitrophenol	15.009	184	44689	35.057	ng	#	95
55) Dibenzofuran	15.291	168	450015	39.804	ng		99
56) 4-Nitrophenol	15.097	139	49338	36.628	ng		96
57) 2,4-Dinitrotoluene	15.250	165	109808	38.339	ng		96
58) Fluorene	15.937	166	351855	39.112	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.514	232	108140	38.285	ng		98
60) Diethylphthalate	15.684	149	333645	38.107	ng		99
61) 4-Chlorophenyl-phenyle...	15.919	204	222457	40.525	ng		100
62) 4-Nitroaniline	15.955	138	76840	38.955	ng		99
63) Azobenzene	16.213	77	246815	40.969	ng		98
65) 4,6-Dinitro-2-methylph...	16.013	198	78742	38.611	ng		97
66) n-Nitrosodiphenylamine	16.131	169	324026	39.454	ng		99
67) 4-Bromophenyl-phenylether	16.812	248	149933	40.376	ng		99
68) Hexachlorobenzene	16.942	284	143013	39.322	ng		96
69) Atrazine	17.065	200	130264	41.114	ng		97
70) Pentachlorophenol	17.288	266	73766	33.519	ng		95
71) Phenanthrene	17.676	178	594584	39.164	ng		98
72) Anthracene	17.770	178	609900	39.135	ng		99
73) Carbazole	18.035	167	513679	38.700	ng		98
74) Di-n-butylphthalate	18.557	149	541383	38.845	ng		100
75) Fluoranthene	19.668	202	754913	39.398	ng		100
77) Benzidine	19.838	184	301867	41.005	ng		99
78) Pyrene	20.032	202	760367	39.300	ng		99
80) Butylbenzylphthalate	20.884	149	233936	39.590	ng		99
81) Benzo(a)anthracene	21.906	228	763652	40.153	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	272283	39.756	ng		97
83) Chrysene	21.977	228	715750	40.058	ng		100
84) Bis(2-ethylhexyl)phtha...	21.765	149	335434	39.594	ng		98
85) Di-n-octyl phthalate	23.035	149	569972	40.399	ng		100
87) Indeno(1,2,3-cd)pyrene	29.292	276	901371	40.393	ng	#	95
88) Benzo(b)fluoranthene	24.257	252	761799	40.261	ng		99
89) Benzo(k)fluoranthene	24.327	252	775727	40.606	ng		100
90) Benzo(a)pyrene	25.185	252	751839	40.338	ng		98
91) Dibenzo(a,h)anthracene	29.351	278	754967	40.306	ng		98
92) Benzo(g,h,i)perylene	30.526	276	731735	40.487	ng		98

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

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