Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056534.D
Acq On : 3 Feb 2023 11:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 04 05:09:42 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 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	35550	20.000	ng	# 0.00
21) Naphthalene-d8	11.105	136	143864	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	115240	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	287455	20.000	ng	0.00
76) Chrysene-d12	21.928	240	260973	20.000	ng	0.00
86) Perylene-d12	25.353	264	291078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	158334	81.932	ng	0.00
7) Phenol-d6	7.416	99	237697	83.014	ng	0.00
23) Nitrobenzene-d5	9.449	82	203869	80.470	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	119558	78.038	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	663618	79.838	ng	0.00
79) Terphenyl-d14	20.212	244	1164087	78.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.585	88	31304	38.902	ng	97
3) Pyridine	4.008	79	102367	42.676	ng	96
4) n-Nitrosodimethylamine	3.920	42	20348	39.889	ng	94
6) Aniline	7.586	93	155020	41.351	ng	98
8) 2-Chlorophenol	7.833	128	84499	39.802	ng	99
9) Benzaldehyde	7.398	77	57566	46.272	ng	97
10) Phenol	7.445	94	120724	41.483	ng	99
11) bis(2-Chloroethyl)ether	7.674	93	81408	40.697	ng	95
12) 1,3-Dichlorobenzene	8.162	146	99702	40.790	ng	99
13) 1,4-Dichlorobenzene	8.309	146	101395	40.961	ng	98
14) 1,2-Dichlorobenzene	8.632	146	96682	40.256	ng	97
15) Benzyl Alcohol	8.509	79	80837	41.148	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.796	45	17426	41.115	ng	98
17) 2-Methylphenol	8.714	107	91501	41.328	ng	97
18) Hexachloroethane	9.366	117	30179	40.309	ng	95
19) n-Nitroso-di-n-propyla...	9.078	70	67484	40.897	ng	98
20) 3+4-Methylphenols	9.043	107	125749	40.528	ng	96
22) Acetophenone	9.102	105	150916	39.481	ng	97
24) Nitrobenzene	9.496	77	100675	41.197	ng	97
25) Isophorone	10.013	82	205619	39.340	ng	98
26) 2-Nitrophenol	10.207	139	60604	40.874	ng	98
27) 2,4-Dimethylphenol	10.254	122	99934	40.273	ng	96
28) bis(2-Chloroethoxy)met...	10.489	93	113892	39.445	ng	97
29) 2,4-Dichlorophenol	10.747	162	112302	40.207	ng	99
30) 1,2,4-Trichlorobenzene	10.964	180	125149	40.321	ng	99
31) Naphthalene	11.158	128	301930	39.763	ng	99
32) Benzoic acid	10.418	122	63932	46.051	ng	95
33) 4-Chloroaniline	11.258	127	140337	39.594	ng	98
34) Hexachlorobutadiene	11.429	225	87690	40.249	ng	97
35) Caprolactam	12.040	113	34353	36.468	ng	90
36) 4-Chloro-3-methylphenol	12.363	107	110487	40.961	ng	97
37) 2-Methylnaphthalene	12.745	142	245347	39.193	ng	100
38) 1-Methylnaphthalene	12.962	142	229251m	39.212	ng	
40) 1,2,4,5-Tetrachloroben...	13.103	216	170674	40.539	ng	100
41) Hexachlorocyclopentadiene	13.080	237	65036	33.191	ng	98
43) 2,4,6-Trichlorophenol	13.338	196	110475	40.719	ng	97

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44) 2,4,5-Trichlorophenol	13.415	196	127095	40.011	ng		99
46) 1,1'-Biphenyl	13.732	154	336258	40.229	ng		99
47) 2-Chloronaphthalene	13.779	162	263311	40.302	ng		99
48) 2-Nitroaniline	13.979	65	55861	41.360	ng		93
49) Acenaphthylene	14.625	152	427761	40.242	ng		99
50) Dimethylphthalate	14.337	163	367568	39.425	ng		100
51) 2,6-Dinitrotoluene	14.466	165	80063	39.378	ng		97
52) Acenaphthene	14.960	154	251288	39.865	ng		99
53) 3-Nitroaniline	14.795	138	78926	40.041	ng		97
54) 2,4-Dinitrophenol	15.007	184	50905	39.937	ng		95
55) Dibenzofuran	15.289	168	451628	39.951	ng		99
56) 4-Nitrophenol	15.101	139	50969	37.843	ng		99
57) 2,4-Dinitrotoluene	15.254	165	114244	39.891	ng		98
58) Fluorene	15.935	166	355374	39.507	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.518	232	113300	40.115	ng		98
60) Diethylphthalate	15.682	149	337932	38.600	ng		99
61) 4-Chlorophenyl-phenyle...	15.917	204	219227	39.940	ng		98
62) 4-Nitroaniline	15.953	138	79618	40.367	ng		94
63) Azobenzene	16.211	77	241667	40.118	ng		98
65) 4,6-Dinitro-2-methylph...	16.017	198	81180	40.169	ng		99
66) n-Nitrosodiphenylamine	16.135	169	326183	40.078	ng		99
67) 4-Bromophenyl-phenylether	16.811	248	147383	40.051	ng		98
68) Hexachlorobenzene	16.940	284	143726	39.877	ng		98
69) Atrazine	17.069	200	129162	41.137	ng		96
70) Pentachlorophenol	17.286	266	87421	40.086	ng		95
71) Phenanthrene	17.680	178	597269	39.699	ng		99
72) Anthracene	17.768	178	605875	39.231	ng		98
73) Carbazole	18.033	167	516572	39.273	ng		98
74) Di-n-butylphthalate	18.561	149	526817	38.144	ng		99
75) Fluoranthene	19.672	202	731402	38.518	ng		100
77) Benzidine	19.836	184	314023	44.465	ng		99
78) Pyrene	20.030	202	738778	39.803	ng		100
80) Butylbenzylphthalate	20.888	149	223335	39.399	ng		98
81) Benzo(a)anthracene	21.905	228	718499	39.381	ng		99
82) 3,3'-Dichlorobenzidine	21.805	252	265245	40.371	ng		99
83) Chrysene	21.975	228	684690	39.945	ng		99
84) Bis(2-ethylhexyl)phtha...	21.764	149	316541	38.949	ng		98
85) Di-n-octyl phthalate	23.033	149	532226	39.324	ng		100
87) Indeno(1,2,3-cd)pyrene	29.302	276	836700	39.268	ng	#	90
88) Benzo(b)fluoranthene	24.255	252	706952m	39.130	ng		
89) Benzo(k)fluoranthene	24.331	252	723074	39.640	ng		99
90) Benzo(a)pyrene	25.189	252	702091	39.450	ng		98
91) Dibenzo(a,h)anthracene	29.361	278	707370	39.551	ng		100
92) Benzo(g,h,i)perylene	30.542	276	682362	39.540	ng		99

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

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