Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057008.D
Acq On : 6 Apr 2023 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 01:35:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 01:33:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/07/2023
Supervised By :Jagrut Upadhyay

04/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	14226	20.000	ng		0.00
21) Naphthalene-d8	11.250	136	61739	20.000	ng		0.00
39) Acenaphthene-d10	15.028	164	48359	20.000	ng		0.00
64) Phenanthrene-d10	17.765	188	114095	20.000	ng		0.00
76) Chrysene-d12	22.089	240	88490	20.000	ng		0.00
86) Perylene-d12	25.625	264	96310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.916	112	69179	77.827	ng		0.00
7) Phenol-d6	7.544	99	107673	80.992	ng		0.00
23) Nitrobenzene-d5	9.594	82	115180	76.336	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	63718	82.477	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	288683	80.948	ng		0.00
79) Terphenyl-d14	20.332	244	461548	88.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.725	88	13650	35.031	ng		93
3) Pyridine	4.148	79	45917	36.587	ng		97
4) n-Nitrosodimethylamine	4.054	42	20989	36.375	ng		87
6) Aniline	7.720	93	70067	41.227	ng		96
8) 2-Chlorophenol	7.973	128	35332	39.907	ng		93
9) Benzaldehyde	7.538	77	32512	38.990	ng		94
10) Phenol	7.573	94	53953	40.958	ng		98
11) bis(2-Chloroethyl)ether	7.808	93	37467	39.929	ng		94
12) 1,3-Dichlorobenzene	8.301	146	38543	39.398	ng		99
13) 1,4-Dichlorobenzene	8.448	146	39810	40.320	ng		96
14) 1,2-Dichlorobenzene	8.777	146	39181	41.074	ng		92
15) Benzyl Alcohol	8.642	79	46969	42.520	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.936	45	45427m	40.171	ng		
17) 2-Methylphenol	8.842	107	40240	42.817	ng		90
18) Hexachloroethane	9.512	117	14457	40.060	ng	#	81
19) n-Nitroso-di-n-propyla...	9.212	70	39881	41.940	ng	#	99
20) 3+4-Methylphenols	9.171	107	55950	42.575	ng		93
22) Acetophenone	9.241	105	70600	38.430	ng	#	100
24) Nitrobenzene	9.635	77	60198	39.023	ng		96
25) Isophorone	10.152	82	110357	38.408	ng		97
26) 2-Nitrophenol	10.352	139	24030	40.357	ng		99
27) 2,4-Dimethylphenol	10.393	122	41174	39.164	ng		95
28) bis(2-Chloroethoxy)met...	10.628	93	55001	38.236	ng		98
29) 2,4-Dichlorophenol	10.886	162	43209	38.217	ng		95
30) 1,2,4-Trichlorobenzene	11.109	180	46988	39.113	ng		92
31) Naphthalene	11.303	128	130619	38.815	ng		97
32) Benzoic acid	10.528	122	27997m	38.768	ng		
33) 4-Chloroaniline	11.397	127	61590	40.523	ng		94
34) Hexachlorobutadiene	11.579	225	36054	39.953	ng		91
35) Caprolactam	12.173	113	14701	37.703	ng		90
36) 4-Chloro-3-methylphenol	12.490	107	49196	38.908	ng		97
37) 2-Methylnaphthalene	12.878	142	104531	39.138	ng		96
38) 1-Methylnaphthalene	13.095	142	99619	39.722	ng		99
40) 1,2,4,5-Tetrachloroben...	13.236	216	68434	40.808	ng		99
41) Hexachlorocyclopentadiene	13.212	237	39021	42.232	ng		97
43) 2,4,6-Trichlorophenol	13.465	196	43628	40.769	ng		95

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44) 2,4,5-Trichlorophenol	13.541	196	51414	40.556	ng		93
46) 1,1'-Biphenyl	13.865	154	142094	40.140	ng		96
47) 2-Chloronaphthalene	13.912	162	105992	40.483	ng		99
48) 2-Nitroaniline	14.105	65	37938	40.524	ng		96
49) Acenaphthylene	14.752	152	170564	39.650	ng		98
50) Dimethylphthalate	14.458	163	150963	39.619	ng		98
51) 2,6-Dinitrotoluene	14.587	165	32899	39.962	ng		98
52) Acenaphthene	15.092	154	117545	39.620	ng		94
53) 3-Nitroaniline	14.922	138	32139	39.440	ng		91
54) 2,4-Dinitrophenol	15.128	184	19423	41.915	ng		96
55) Dibenzofuran	15.421	168	179575	40.328	ng		98
56) 4-Nitrophenol	15.210	139	23535	39.057	ng		92
57) 2,4-Dinitrotoluene	15.374	165	45775	39.423	ng		91
58) Fluorene	16.062	166	146214	39.682	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.639	232	45634	39.535	ng	#	98
60) Diethylphthalate	15.803	149	150570	39.418	ng		96
61) 4-Chlorophenyl-phenyle...	16.044	204	87580	40.483	ng		99
62) 4-Nitroaniline	16.079	138	34064	40.347	ng		97
63) Azobenzene	16.338	77	147119	38.646	ng		98
65) 4,6-Dinitro-2-methylph...	16.132	198	30915	44.739	ng		96
66) n-Nitrosodiphenylamine	16.255	169	123320	40.264	ng		98
67) 4-Bromophenyl-phenylether	16.937	248	57266	40.565	ng		93
68) Hexachlorobenzene	17.072	284	58013	41.565	ng		96
69) Atrazine	17.189	200	48440	38.100	ng		96
70) Pentachlorophenol	17.407	266	38290	38.240	ng		96
71) Phenanthrene	17.806	178	229654	39.479	ng		100
72) Anthracene	17.900	178	235909	39.560	ng		99
73) Carbazole	18.159	167	198523	38.183	ng		97
74) Di-n-butylphthalate	18.682	149	234046	38.874	ng		99
75) Fluoranthene	19.792	202	265060	35.945	ng		99
77) Benzidine	19.956	184	96663	39.965	ng		98
78) Pyrene	20.150	202	260615	42.581	ng		95
80) Butylbenzylphthalate	21.008	149	91045	43.228	ng		95
81) Benzo(a)anthracene	22.065	228	245890	40.155	ng		98
82) 3,3'-Dichlorobenzidine	21.959	252	85597	41.396	ng		99
83) Chrysene	22.136	228	232376	40.529	ng		98
84) Bis(2-ethylhexyl)phtha...	21.912	149	127740	41.885	ng		96
85) Di-n-octyl phthalate	23.228	149	210655	40.988	ng		99
87) Indeno(1,2,3-cd)pyrene	29.725	276	286862	40.302	ng	#	98
88) Benzo(b)fluoranthene	24.491	252	234002	38.854	ng		99
89) Benzo(k)fluoranthene	24.568	252	242918	40.402	ng		98
90) Benzo(a)pyrene	25.461	252	235784	39.841	ng		99
91) Dibenzo(a,h)anthracene	29.790	278	238400	40.747	ng		97
92) Benzo(g,h,i)perylene	31.012	276	230557	40.244	ng	#	98

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

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