Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
Data File : BG053712.D
Acq On : 26 May 2022 11:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 15:57:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 15:11:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

05/27/2022
Supervised By :Jagrut Upadhyay

05/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.982	152	23537	20.000	ng		0.00
21) Naphthalene-d8	10.796	136	95826	20.000	ng		0.00
39) Acenaphthene-d10	14.626	164	72742	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	169809	20.000	ng	#	0.00
76) Chrysene-d12	21.634	240	160978	20.000	ng		0.00
86) Perylene-d12	24.841	264	165178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.550	112	112861	81.378	ng		0.00
7) Phenol-d6	7.159	99	176149	83.690	ng		0.00
23) Nitrobenzene-d5	9.151	82	185430	82.373	ng		0.00
42) 2,4,6-Tribromophenol	16.118	330	90647	84.491	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	423895	85.154	ng		0.00
79) Terphenyl-d14	19.977	244	721309	83.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	24752	34.015	ng		96
3) Pyridine	3.805	79	66501	37.422	ng		94
4) n-Nitrosodimethylamine	3.717	42	35258	40.729	ng	#	92
6) Aniline	7.306	93	96193	41.263	ng		99
8) 2-Chlorophenol	7.553	128	59675	41.160	ng		97
9) Benzaldehyde	7.118	77	49533	37.044	ng		94
10) Phenol	7.189	94	86889	42.209	ng		93
11) bis(2-Chloroethyl)ether	7.400	93	61255	39.898	ng		94
12) 1,3-Dichlorobenzene	7.870	146	69518m	40.645	ng		
13) 1,4-Dichlorobenzene	8.017	146	71056	41.169	ng		97
14) 1,2-Dichlorobenzene	8.340	146	69205	42.699	ng		95
15) Benzyl Alcohol	8.228	79	72732	41.333	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.516	45	96607	38.662	ng		96
17) 2-Methylphenol	8.440	107	56946	40.929	ng		92
18) Hexachloroethane	9.068	117	26227	40.015	ng		92
19) n-Nitroso-di-n-propyla...	8.792	70	61617	40.802	ng		98
20) 3+4-Methylphenols	8.769	107	79213	40.311	ng		99
22) Acetophenone	8.810	105	109611	41.794	ng	#	98
24) Nitrobenzene	9.192	77	89678	41.160	ng		99
25) Isophorone	9.715	82	154608	40.810	ng		99
26) 2-Nitrophenol	9.908	139	38010	43.073	ng		98
27) 2,4-Dimethylphenol	9.973	122	53434	40.236	ng		97
28) bis(2-Chloroethoxy)met...	10.196	93	85097	39.055	ng		99
29) 2,4-Dichlorophenol	10.455	162	68453	42.708	ng		91
30) 1,2,4-Trichlorobenzene	10.660	180	78345	43.021	ng		98
31) Naphthalene	10.848	128	199034	40.832	ng		99
32) Benzoic acid	10.161	122	25699	33.970	ng		93
33) 4-Chloroaniline	10.954	127	83284	40.798	ng		98
34) Hexachlorobutadiene	11.130	225	61186	45.310	ng		100
35) Caprolactam	11.741	113	21350	36.655	ng		94
36) 4-Chloro-3-methylphenol	12.094	107	75791	39.531	ng		99
37) 2-Methylnaphthalene	12.452	142	147775	40.623	ng		97
38) 1-Methylnaphthalene	12.669	142	142600	40.179	ng		96
40) 1,2,4,5-Tetrachloroben...	12.822	216	102056	44.509	ng		100
41) Hexachlorocyclopentadiene	12.799	237	29274	36.718	ng		97
43) 2,4,6-Trichlorophenol	13.069	196	64943	43.391	ng		97

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44) 2,4,5-Trichlorophenol	13.151	196	68226	42.830	ng		93
46) 1,1'-Biphenyl	13.457	154	206567	41.660	ng		98
47) 2-Chloronaphthalene	13.504	162	162186	41.749	ng		98
48) 2-Nitroaniline	13.703	65	60438	41.752	ng		93
49) Acenaphthylene	14.350	152	252568	40.743	ng		99
50) Dimethylphthalate	14.073	163	220476	39.886	ng		99
51) 2,6-Dinitrotoluene	14.197	165	45684	40.566	ng		94
52) Acenaphthene	14.690	154	147567	39.944	ng		99
53) 3-Nitroaniline	14.532	138	48002	39.449	ng		98
54) 2,4-Dinitrophenol	14.755	184	24608	37.981	ng		89
55) Dibenzofuran	15.025	168	264931	39.925	ng		99
56) 4-Nitrophenol	14.872	139	29351	33.771	ng		84
57) 2,4-Dinitrotoluene	14.996	165	66132	40.512	ng		96
58) Fluorene	15.671	166	213199	40.037	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.260	232	63420m	39.240	ng		
60) Diethylphthalate	15.436	149	224256	39.275	ng		98
61) 4-Chlorophenyl-phenyle...	15.660	204	123153	41.445	ng		96
62) 4-Nitroaniline	15.701	138	50735	40.199	ng		97
63) Azobenzene	15.953	77	224842	38.454	ng		98
65) 4,6-Dinitro-2-methylph...	15.765	198	47149	46.597	ng		97
66) n-Nitrosodiphenylamine	15.877	169	186197	41.763	ng		99
67) 4-Bromophenyl-phenylether	16.552	248	86200	43.466	ng		99
68) Hexachlorobenzene	16.682	284	91050	41.921	ng		97
69) Atrazine	16.823	200	75000	39.960	ng		95
70) Pentachlorophenol	17.034	266	36582	34.108	ng		98
71) Phenanthrene	17.410	178	350818	40.630	ng		98
72) Anthracene	17.504	178	347816	40.982	ng		98
73) Carbazole	17.774	167	332704	40.000	ng		99
74) Di-n-butylphthalate	18.321	149	373889	39.968	ng		100
75) Fluoranthene	19.425	202	435711	38.972	ng		98
77) Benzidine	19.595	184	120403	34.702	ng		98
78) Pyrene	19.783	202	435341	41.776	ng		99
80) Butylbenzylphthalate	20.659	149	157692	41.267	ng		98
81) Benzo(a)anthracene	21.616	228	415679	40.485	ng		99
82) 3,3'-Dichlorobenzidine	21.528	252	110753	42.536	ng		100
83) Chrysene	21.681	228	391961	40.874	ng		99
84) Bis(2-ethylhexyl)phtha...	21.510	149	218900	41.503	ng		99
85) Di-n-octyl phthalate	22.703	149	367990	41.260	ng		100
87) Indeno(1,2,3-cd)pyrene	28.519	276	476168	41.390	ng	#	96
88) Benzo(b)fluoranthene	23.819	252	405273	41.451	ng		100
89) Benzo(k)fluoranthene	23.890	252	394962	41.109	ng		98
90) Benzo(a)pyrene	24.688	252	341908	41.086	ng		99
91) Dibenzo(a,h)anthracene	28.560	278	394943	41.663	ng		99
92) Benzo(g,h,i)perylene	29.652	276	387067	41.193	ng		96

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

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