Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053161.D
Acq On : 15 Apr 2022 11:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 03:12:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.118	152	32549	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	126860	20.000	ng		0.00
39) Acenaphthene-d10	14.744	164	93559	20.000	ng		0.00
64) Phenanthrene-d10	17.487	188	227119	20.000	ng		0.00
76) Chrysene-d12	21.770	240	224443	20.000	ng		0.00
86) Perylene-d12	25.071	264	244296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.680	112	156068	82.193	ng		0.00
7) Phenol-d6	7.277	99	240132	82.008	ng		0.00
23) Nitrobenzene-d5	9.281	82	253524	81.144	ng		0.00
42) 2,4,6-Tribromophenol	16.230	330	124426	83.592	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	555536	81.877	ng		0.00
79) Terphenyl-d14	20.090	244	1057804	79.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.565	88	39585	43.654	ng		97
3) Pyridine	3.964	79	104636	43.751	ng	#	88
4) n-Nitrosodimethylamine	3.876	42	50102	42.304	ng		84
6) Aniline	7.442	93	134322	39.582	ng		94
8) 2-Chlorophenol	7.683	128	81638	39.825	ng		92
9) Benzaldehyde	7.248	77	65318	37.318	ng		95
10) Phenol	7.307	94	118985	40.823	ng		93
11) bis(2-Chloroethyl)ether	7.530	93	87741	41.760	ng		95
12) 1,3-Dichlorobenzene	8.012	146	95548m	40.112	ng		
13) 1,4-Dichlorobenzene	8.153	146	96867	39.888	ng		97
14) 1,2-Dichlorobenzene	8.476	146	91464	39.057	ng		97
15) Benzyl Alcohol	8.352	79	104817	40.272	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.640	45	137497	39.198	ng		96
17) 2-Methylphenol	8.558	107	78191	39.643	ng		94
18) Hexachloroethane	9.210	117	36050	39.587	ng		96
19) n-Nitroso-di-n-propyla...	8.922	70	85348	39.813	ng	#	97
20) 3+4-Methylphenols	8.887	107	110225	39.588	ng		90
22) Acetophenone	8.940	105	143533	40.783	ng	#	94
24) Nitrobenzene	9.322	77	124528	40.977	ng		89
25) Isophorone	9.845	82	218157	41.080	ng	#	97
26) 2-Nitrophenol	10.038	139	52808	41.556	ng	#	87
27) 2,4-Dimethylphenol	10.097	122	73687	40.488	ng		90
28) bis(2-Chloroethoxy)met...	10.326	93	124695	41.796	ng		100
29) 2,4-Dichlorophenol	10.579	162	95543	41.759	ng		97
30) 1,2,4-Trichlorobenzene	10.796	180	106128	40.984	ng		97
31) Naphthalene	10.984	128	276067	40.789	ng		98
32) Benzoic acid	10.244	122	54080	45.835	ng		90
33) 4-Chloroaniline	11.084	127	117319	40.477	ng		94
34) Hexachlorobutadiene	11.272	225	79275	41.213	ng		96
35) Caprolactam	11.854	113	33994	42.152	ng		90
36) 4-Chloro-3-methylphenol	12.200	107	107547	40.376	ng		93
37) 2-Methylnaphthalene	12.582	142	203528	40.639	ng		96
38) 1-Methylnaphthalene	12.799	142	198269	40.558	ng		93
40) 1,2,4,5-Tetrachloroben...	12.946	216	133526	42.021	ng		99
41) Hexachlorocyclopentadiene	12.929	237	63470	38.693	ng		98
43) 2,4,6-Trichlorophenol	13.181	196	94904	43.318	ng		96

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44) 2,4,5-Trichlorophenol	13.258	196	101364	43.418	ng		95
46) 1,1'-Biphenyl	13.575	154	276972	41.109	ng		99
47) 2-Chloronaphthalene	13.622	162	218358	40.622	ng		97
48) 2-Nitroaniline	13.816	65	85813	42.067	ng		94
49) Acenaphthylene	14.468	152	352188	41.855	ng		99
50) Dimethylphthalate	14.192	163	307994	41.158	ng		98
51) 2,6-Dinitrotoluene	14.309	165	63964	40.973	ng	#	83
52) Acenaphthene	14.808	154	237208m	41.569	ng		
53) 3-Nitroaniline	14.638	138	71281	43.181	ng		90
54) 2,4-Dinitrophenol	14.850	184	41847	42.128	ng	#	89
55) Dibenzofuran	15.137	168	372057	41.640	ng		96
56) 4-Nitrophenol	14.949	139	54987	43.676	ng	#	76
57) 2,4-Dinitrotoluene	15.096	165	91910	41.353	ng		88
58) Fluorene	15.790	166	298028	41.297	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.367	232	97553	43.028	ng		99
60) Diethylphthalate	15.549	149	315979	40.301	ng		100
61) 4-Chlorophenyl-phenyle...	15.772	204	167819	41.022	ng		99
62) 4-Nitroaniline	15.801	138	72727	41.751	ng	#	81
63) Azobenzene	16.066	77	325901	41.227	ng		95
65) 4,6-Dinitro-2-methylph...	15.866	198	65139	41.109	ng		99
66) n-Nitrosodiphenylamine	15.989	169	266092	40.742	ng		97
67) 4-Bromophenyl-phenylether	16.671	248	121969	41.911	ng		98
68) Hexachlorobenzene	16.800	284	130262	41.332	ng		98
69) Atrazine	16.929	200	98654	38.669	ng		96
70) Pentachlorophenol	17.141	266	72333	41.995	ng		90
71) Phenanthrene	17.528	178	506127	40.798	ng		97
72) Anthracene	17.622	178	497018	40.440	ng		98
73) Carbazole	17.887	167	485956	40.677	ng		99
74) Di-n-butylphthalate	18.433	149	542832	40.063	ng		98
75) Fluoranthene	19.531	202	646709	40.669	ng		99
77) Benzidine	19.708	184	239719	37.434	ng		99
78) Pyrene	19.896	202	645703	40.395	ng		98
80) Butylbenzylphthalate	20.771	149	244955	41.104	ng		99
81) Benzo(a)anthracene	21.752	228	634251	41.331	ng		98
82) 3,3'-Dichlorobenzidine	21.658	252	226052	40.054	ng		98
83) Chrysene	21.817	228	590989	41.496	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	331936	41.207	ng		99
85) Di-n-octyl phthalate	22.880	149	573004	42.532	ng		97
87) Indeno(1,2,3-cd)pyrene	28.854	276	736206	40.563	ng	#	97
88) Benzo(b)fluoranthene	24.020	252	617149m	40.039	ng		
89) Benzo(k)fluoranthene	24.090	252	614754	40.581	ng		97
90) Benzo(a)pyrene	24.912	252	535251	40.762	ng		99
91) Dibenzo(a,h)anthracene	28.913	278	602890	40.359	ng		98
92) Benzo(g,h,i)perylene	30.041	276	601718	40.867	ng		99

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

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