Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051623\
Data File : BG057438.D
Acq On : 16 May 2023 9:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 10:24:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.364	152	17037	20.000	ng		0.00
21) Naphthalene-d8	11.201	136	66391	20.000	ng		0.00
39) Acenaphthene-d10	14.978	164	52352	20.000	ng		0.00
64) Phenanthrene-d10	17.716	188	130212	20.000	ng		0.00
76) Chrysene-d12	22.028	240	119685	20.000	ng		0.00
86) Perylene-d12	25.535	264	130240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.873	112	78692	79.011	ng		0.00
7) Phenol-d6	7.500	99	122608	81.068	ng		0.00
23) Nitrobenzene-d5	9.544	82	123550	78.105	ng		0.00
42) 2,4,6-Tribromophenol	16.459	330	64325	86.596	ng		0.00
45) 2-Fluorobiphenyl	13.604	172	317345	81.640	ng		0.00
79) Terphenyl-d14	20.289	244	569650	77.673	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	16154	39.227	ng		94
3) Pyridine	4.105	79	49364	37.301	ng		97
4) n-Nitrosodimethylamine	4.011	42	21818	35.082	ng		95
6) Aniline	7.676	93	73914	38.525	ng		96
8) 2-Chlorophenol	7.923	128	41887	39.801	ng		93
9) Benzaldehyde	7.488	77	30138	37.062	ng		94
10) Phenol	7.530	94	58821	39.897	ng		96
11) bis(2-Chloroethyl)ether	7.765	93	42661	38.374	ng		96
12) 1,3-Dichlorobenzene	8.252	146	46895	40.374	ng		96
13) 1,4-Dichlorobenzene	8.399	146	47628	40.822	ng		96
14) 1,2-Dichlorobenzene	8.728	146	45114	40.054	ng		93
15) Benzyl Alcohol	8.599	79	48015	38.109	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.887	45	51065m	36.443	ng		
17) 2-Methylphenol	8.798	107	42446	39.939	ng		98
18) Hexachloroethane	9.462	117	16679	39.614	ng		98
19) n-Nitroso-di-n-propyla...	9.163	70	42173	36.569	ng		95
20) 3+4-Methylphenols	9.127	107	58430	40.152	ng		94
22) Acetophenone	9.192	105	74098	38.995	ng	#	96
24) Nitrobenzene	9.586	77	61155	38.304	ng		95
25) Isophorone	10.103	82	113010	36.843	ng		100
26) 2-Nitrophenol	10.302	139	26818	43.883	ng		97
27) 2,4-Dimethylphenol	10.343	122	45190	42.229	ng		99
28) bis(2-Chloroethoxy)met...	10.578	93	58802	38.266	ng		98
29) 2,4-Dichlorophenol	10.843	162	48849	43.039	ng		94
30) 1,2,4-Trichlorobenzene	11.060	180	53448	40.828	ng		98
31) Naphthalene	11.254	128	145488	40.990	ng		99
32) Benzoic acid	10.490	122	24278	40.194	ng		98
33) 4-Chloroaniline	11.354	127	66465	41.698	ng		96
34) Hexachlorobutadiene	11.518	225	39113	40.266	ng		95
35) Caprolactam	12.118	113	16180	41.733	ng		89
36) 4-Chloro-3-methylphenol	12.452	107	55242	42.829	ng		96
37) 2-Methylnaphthalene	12.828	142	115235	41.293	ng		96
38) 1-Methylnaphthalene	13.046	142	107530	40.881	ng		100
40) 1,2,4,5-Tetrachloroben...	13.193	216	77143	41.507	ng		99
41) Hexachlorocyclopentadiene	13.163	237	32207	39.510	ng		96
43) 2,4,6-Trichlorophenol	13.422	196	47712	42.138	ng		92

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44) 2,4,5-Trichlorophenol	13.504	196	56682	42.557	ng		98
46) 1,1'-Biphenyl	13.815	154	156825	40.370	ng		98
47) 2-Chloronaphthalene	13.868	162	116473	40.319	ng		99
48) 2-Nitroaniline	14.062	65	38900	39.604	ng		94
49) Acenaphthylene	14.708	152	192027	40.916	ng		99
50) Dimethylphthalate	14.414	163	164453	38.227	ng		99
51) 2,6-Dinitrotoluene	14.544	165	36963	42.081	ng		91
52) Acenaphthene	15.043	154	117385	40.027	ng		99
53) 3-Nitroaniline	14.878	138	35948	40.851	ng		90
54) 2,4-Dinitrophenol	15.096	184	17733	35.513	ng		93
55) Dibenzofuran	15.372	168	200590	40.709	ng		99
56) 4-Nitrophenol	15.184	139	23494	40.143	ng		95
57) 2,4-Dinitrotoluene	15.331	165	50958	40.593	ng		98
58) Fluorene	16.018	166	164963	40.644	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.595	232	50599	41.903	ng		99
60) Diethylphthalate	15.760	149	167348	38.304	ng		97
61) 4-Chlorophenyl-phenyle...	15.995	204	97635	39.932	ng		97
62) 4-Nitroaniline	16.036	138	36732	41.377	ng		95
63) Azobenzene	16.288	77	154390	36.626	ng		98
65) 4,6-Dinitro-2-methylph...	16.100	198	33548	43.153	ng		98
66) n-Nitrosodiphenylamine	16.212	169	144602	40.888	ng		99
67) 4-Bromophenyl-phenylether	16.893	248	64613	40.648	ng		96
68) Hexachlorobenzene	17.023	284	64667	41.864	ng		95
69) Atrazine	17.140	200	57134	42.350	ng		97
70) Pentachlorophenol	17.369	266	32746	36.784	ng		97
71) Phenanthrene	17.763	178	271561	40.700	ng		99
72) Anthracene	17.851	178	278574	40.689	ng		99
73) Carbazole	18.115	167	236156	40.973	ng		99
74) Di-n-butylphthalate	18.632	149	278433	41.987	ng		99
75) Fluoranthene	19.748	202	340370	41.015	ng		100
77) Benzidine	19.919	184	92037	34.397	ng		98
78) Pyrene	20.113	202	341776	39.298	ng		99
80) Butylbenzylphthalate	20.964	149	118289	42.866	ng		95
81) Benzo(a)anthracene	22.004	228	342979	40.222	ng		100
82) 3,3'-Dichlorobenzidine	21.904	252	109185	39.976	ng		96
83) Chrysene	22.080	228	319174	39.782	ng		99
84) Bis(2-ethylhexyl)phtha...	21.851	149	173034	42.381	ng		99
85) Di-n-octyl phthalate	23.144	149	288260	42.350	ng		98
87) Indeno(1,2,3-cd)pyrene	29.582	276	378957	39.924	ng	#	95
88) Benzo(b)fluoranthene	24.413	252	327925	38.517	ng		98
89) Benzo(k)fluoranthene	24.483	252	341374m	39.459	ng		
90) Benzo(a)pyrene	25.370	252	324920	39.064	ng		97
91) Dibenzo(a,h)anthracene	29.641	278	313142	39.613	ng		98
92) Benzo(g,h,i)perylene	30.857	276	312011	40.423	ng		98

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

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