Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057443.D
Acq On : 17 May 2023 11:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 01:55:41 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 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.363	152	19457	20.000	ng		0.00
21) Naphthalene-d8	11.200	136	76773	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	59405	20.000	ng		0.00
64) Phenanthrene-d10	17.715	188	145973	20.000	ng		0.00
76) Chrysene-d12	22.033	240	131502	20.000	ng	#	0.00
86) Perylene-d12	25.534	264	140967	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.872	112	89715	78.875	ng		0.00
7) Phenol-d6	7.499	99	136194	78.851	ng		0.00
23) Nitrobenzene-d5	9.544	82	140190	76.640	ng		0.00
42) 2,4,6-Tribromophenol	16.464	330	72888	86.473	ng		0.00
45) 2-Fluorobiphenyl	13.603	172	361883	82.044	ng		0.00
79) Terphenyl-d14	20.288	244	629763	78.153	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	18054	38.388	ng		95
3) Pyridine	4.098	79	55845	36.949	ng		95
4) n-Nitrosodimethylamine	4.010	42	24638	34.689	ng		88
6) Aniline	7.670	93	84880	38.738	ng		97
8) 2-Chlorophenol	7.922	128	47746	39.726	ng		99
9) Benzaldehyde	7.488	77	34147	36.703	ng		96
10) Phenol	7.529	94	67341	39.995	ng		97
11) bis(2-Chloroethyl)ether	7.764	93	49125	38.692	ng		97
12) 1,3-Dichlorobenzene	8.251	146	52551	39.616	ng		95
13) 1,4-Dichlorobenzene	8.398	146	53899	40.451	ng		95
14) 1,2-Dichlorobenzene	8.721	146	51546	40.073	ng		95
15) Benzyl Alcohol	8.598	79	54272	37.717	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.880	45	57280m	35.794	ng		
17) 2-Methylphenol	8.798	107	48695	40.120	ng		98
18) Hexachloroethane	9.461	117	18741	38.975	ng		99
19) n-Nitroso-di-n-propyla...	9.162	70	48091	36.514	ng		100
20) 3+4-Methylphenols	9.126	107	67806	40.799	ng		92
22) Acetophenone	9.191	105	84590	38.496	ng	#	94
24) Nitrobenzene	9.585	77	71057	38.487	ng		97
25) Isophorone	10.102	82	131244	37.001	ng		99
26) 2-Nitrophenol	10.301	139	29916	42.332	ng		97
27) 2,4-Dimethylphenol	10.342	122	50447	40.767	ng		97
28) bis(2-Chloroethoxy)met...	10.577	93	68372	38.477	ng		98
29) 2,4-Dichlorophenol	10.842	162	56386	42.962	ng		95
30) 1,2,4-Trichlorobenzene	11.059	180	60265	39.810	ng		93
31) Naphthalene	11.253	128	165516	40.327	ng		98
32) Benzoic acid	10.483	122	26474m	38.172	ng		
33) 4-Chloroaniline	11.353	127	75367	40.889	ng		99
34) Hexachlorobutadiene	11.523	225	45210	40.249	ng		98
35) Caprolactam	12.122	113	18047	40.254	ng		93
36) 4-Chloro-3-methylphenol	12.451	107	62982	42.227	ng		98
37) 2-Methylnaphthalene	12.827	142	131335	40.698	ng		98
38) 1-Methylnaphthalene	13.045	142	126526	41.598	ng		99
40) 1,2,4,5-Tetrachloroben...	13.192	216	87581	41.529	ng		99
41) Hexachlorocyclopentadiene	13.162	237	39382	42.088	ng		96
43) 2,4,6-Trichlorophenol	13.427	196	54652	42.536	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	64977	42.993	ng	99
46) 1,1'-Biphenyl	13.814	154	181127	41.090	ng	97
47) 2-Chloronaphthalene	13.867	162	135892	41.456	ng	99
48) 2-Nitroaniline	14.067	65	44429	39.862	ng	92
49) Acenaphthylene	14.707	152	218665	41.061	ng	99
50) Dimethylphthalate	14.413	163	186386	38.181	ng	99
51) 2,6-Dinitrotoluene	14.549	165	41026	41.162	ng	88
52) Acenaphthene	15.042	154	134665	40.467	ng	98
53) 3-Nitroaniline	14.883	138	41112	41.173	ng	86
54) 2,4-Dinitrophenol	15.095	184	20592	36.227	ng	96
55) Dibenzofuran	15.371	168	229280	41.007	ng	98
56) 4-Nitrophenol	15.183	139	26887	40.486	ng	95
57) 2,4-Dinitrotoluene	15.336	165	59103	41.492	ng	93
58) Fluorene	16.017	166	185337	40.243	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.600	232	56854	41.493	ng	98
60) Diethylphthalate	15.759	149	189600	38.245	ng	98
61) 4-Chlorophenyl-phenyle...	16.000	204	111637	40.237	ng	97
62) 4-Nitroaniline	16.041	138	40634	40.338	ng	93
63) Azobenzene	16.293	77	176804	36.963	ng	97
65) 4,6-Dinitro-2-methylph...	16.099	198	37583	43.124	ng	100
66) n-Nitrosodiphenylamine	16.211	169	160456	40.472	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	74058	41.560	ng	99
68) Hexachlorobenzene	17.028	284	73636	42.523	ng	93
69) Atrazine	17.145	200	62818	41.536	ng	99
70) Pentachlorophenol	17.368	266	36706	36.780	ng	96
71) Phenanthrene	17.762	178	302010	40.376	ng	99
72) Anthracene	17.850	178	309183	40.284	ng	98
73) Carbazole	18.120	167	259708	40.194	ng	99
74) Di-n-butylphthalate	18.631	149	304004	40.893	ng	99
75) Fluoranthene	19.753	202	371521	39.935	ng	98
77) Benzidine	19.918	184	118323	40.247	ng	98
78) Pyrene	20.112	202	376695	39.421	ng	99
80) Butylbenzylphthalate	20.963	149	131089	43.236	ng	96
81) Benzo(a)anthracene	22.009	228	374203	39.940	ng	100
82) 3,3'-Dichlorobenzidine	21.903	252	123040	41.000	ng	99
83) Chrysene	22.080	228	348475	39.531	ng	99
84) Bis(2-ethylhexyl)phtha...	21.850	149	188454	42.010	ng	99
85) Di-n-octyl phthalate	23.149	149	315388	42.171	ng	98
87) Indeno(1,2,3-cd)pyrene	29.593	276	411398	40.043	ng	99
88) Benzo(b)fluoranthene	24.412	252	368869	40.030	ng	99
89) Benzo(k)fluoranthene	24.488	252	351728	37.562	ng	99
90) Benzo(a)pyrene	25.369	252	358032	39.770	ng	97
91) Dibenzo(a,h)anthracene	29.652	278	341717	39.939	ng	99
92) Benzo(g,h,i)perylene	30.868	276	333177	39.881	ng	99

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

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