Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
Data File : BG057036.D
Acq On : 7 Apr 2023 21:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 08 05:13:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	18741	20.000	ng		0.00
21) Naphthalene-d8	11.247	136	72004	20.000	ng		0.00
39) Acenaphthene-d10	15.019	164	52111	20.000	ng		0.00
64) Phenanthrene-d10	17.756	188	121240	20.000	ng	#	0.00
76) Chrysene-d12	22.080	240	105759	20.000	ng		0.00
86) Perylene-d12	25.616	264	110986	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.913	112	90840	77.576	ng		0.00
7) Phenol-d6	7.535	99	132381	75.588	ng		0.00
23) Nitrobenzene-d5	9.585	82	135065	76.753	ng		0.00
42) 2,4,6-Tribromophenol	16.499	330	66767	80.202	ng		0.00
45) 2-Fluorobiphenyl	13.644	172	312017	81.192	ng		0.00
79) Terphenyl-d14	20.323	244	518235	82.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.728	88	18488	36.016	ng		92
3) Pyridine	4.145	79	58374	35.307	ng		98
4) n-Nitrosodimethylamine	4.057	42	26740	35.177	ng		97
6) Aniline	7.717	93	82266	36.743	ng		98
8) 2-Chlorophenol	7.963	128	44629	38.263	ng		94
9) Benzaldehyde	7.529	77	37796	34.407	ng		91
10) Phenol	7.564	94	65694	37.856	ng		97
11) bis(2-Chloroethyl)ether	7.805	93	47775	38.649	ng		92
12) 1,3-Dichlorobenzene	8.292	146	50629	39.285	ng		99
13) 1,4-Dichlorobenzene	8.439	146	51077	39.268	ng		97
14) 1,2-Dichlorobenzene	8.768	146	48542	38.628	ng		95
15) Benzyl Alcohol	8.639	79	53854	37.007	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.921	45	54553m	36.619	ng		
17) 2-Methylphenol	8.839	107	47254	38.167	ng		87
18) Hexachloroethane	9.508	117	18417	38.739	ng		86
19) n-Nitroso-di-n-propyla...	9.209	70	45187	36.072	ng		98
20) 3+4-Methylphenols	9.168	107	65224	37.675	ng		93
22) Acetophenone	9.232	105	80616	37.626	ng	#	94
24) Nitrobenzene	9.626	77	68715	38.193	ng		98
25) Isophorone	10.149	82	120859	36.067	ng		97
26) 2-Nitrophenol	10.343	139	28551	41.114	ng		100
27) 2,4-Dimethylphenol	10.384	122	46177	37.661	ng		96
28) bis(2-Chloroethoxy)met...	10.619	93	60754	36.214	ng		98
29) 2,4-Dichlorophenol	10.883	162	50451	38.260	ng		93
30) 1,2,4-Trichlorobenzene	11.100	180	55619	39.697	ng		94
31) Naphthalene	11.300	128	153023	38.990	ng		98
32) Benzoic acid	10.519	122	30231m	35.894	ng		
33) 4-Chloroaniline	11.394	127	66292	37.399	ng		98
34) Hexachlorobutadiene	11.570	225	40983	38.940	ng		93
35) Caprolactam	12.170	113	15596	34.296	ng	#	85
36) 4-Chloro-3-methylphenol	12.487	107	54895	37.226	ng		99
37) 2-Methylnaphthalene	12.874	142	115735	37.155	ng		99
38) 1-Methylnaphthalene	13.092	142	108717	37.170	ng		99
40) 1,2,4,5-Tetrachloroben...	13.233	216	73127	40.467	ng		99
41) Hexachlorocyclopentadiene	13.209	237	40693	40.871	ng		95
43) 2,4,6-Trichlorophenol	13.462	196	47023	40.778	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.538	196	54501	39.896	ng		94
46) 1,1'-Biphenyl	13.856	154	154403	40.476	ng		99
47) 2-Chloronaphthalene	13.908	162	116867	41.423	ng		97
48) 2-Nitroaniline	14.102	65	40310	39.957	ng		97
49) Acenaphthylene	14.748	152	184778	39.862	ng		99
50) Dimethylphthalate	14.455	163	158665	38.642	ng	#	98
51) 2,6-Dinitrotoluene	14.584	165	34288	38.650	ng		93
52) Acenaphthene	15.083	154	126986	39.721	ng		97
53) 3-Nitroaniline	14.913	138	33731	38.413	ng		87
54) 2,4-Dinitrophenol	15.119	184	20493	41.040	ng		96
55) Dibenzofuran	15.412	168	190241	39.647	ng		97
56) 4-Nitrophenol	15.207	139	25793	39.723	ng	#	88
57) 2,4-Dinitrotoluene	15.365	165	48700	38.922	ng	#	98
58) Fluorene	16.058	166	153351	38.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.635	232	47998	38.589	ng		100
60) Diethylphthalate	15.800	149	156208	37.949	ng		98
61) 4-Chlorophenyl-phenyle...	16.041	204	91759	39.361	ng		97
62) 4-Nitroaniline	16.076	138	36840	40.493	ng		91
63) Azobenzene	16.335	77	153116	37.326	ng		96
65) 4,6-Dinitro-2-methylph...	16.129	198	32166	43.806	ng		91
66) n-Nitrosodiphenylamine	16.252	169	132769	40.794	ng		98
67) 4-Bromophenyl-phenylether	16.934	248	59681	39.784	ng		93
68) Hexachlorobenzene	17.063	284	62761	42.317	ng		98
69) Atrazine	17.186	200	53127	39.324	ng		95
70) Pentachlorophenol	17.404	266	41434	38.942	ng		95
71) Phenanthrene	17.803	178	245882	39.778	ng		99
72) Anthracene	17.891	178	247517	39.061	ng		99
73) Carbazole	18.156	167	217125	39.300	ng		93
74) Di-n-butylphthalate	18.678	149	261545	40.882	ng		99
75) Fluoranthene	19.789	202	297532	37.971	ng		98
77) Benzidine	19.947	184	102627	35.502	ng		98
78) Pyrene	20.147	202	294577	40.271	ng		98
80) Butylbenzylphthalate	21.005	149	107299	42.627	ng		94
81) Benzo(a)anthracene	22.056	228	286631	39.165	ng		99
82) 3,3'-Dichlorobenzidine	21.950	252	99293	40.178	ng		98
83) Chrysene	22.127	228	268513	39.185	ng		98
84) Bis(2-ethylhexyl)phtha...	21.903	149	149293	40.959	ng		99
85) Di-n-octyl phthalate	23.219	149	249875	40.681	ng		100
87) Indeno(1,2,3-cd)pyrene	29.699	276	325917	39.734	ng	#	97
88) Benzo(b)fluoranthene	24.482	252	282425	40.694	ng		99
89) Benzo(k)fluoranthene	24.553	252	278249	40.159	ng		100
90) Benzo(a)pyrene	25.446	252	270106	39.605	ng		99
91) Dibenzo(a,h)anthracene	29.763	278	273059	40.500	ng		98
92) Benzo(g,h,i)perylene	30.985	276	259502	39.307	ng		100

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

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