Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059946.D
Acq On : 5 Dec 2023 12:38
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 13:12:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	67546	20.000	ng		# 0.00
21) Naphthalene-d8	10.768	136	302281	20.000	ng		0.00
39) Acenaphthene-d10	14.599	164	304333	20.000	ng		0.00
64) Phenanthrene-d10	17.349	188	1085489	20.000	ng		# 0.00
76) Chrysene-d12	21.620	240	1477930	20.000	ng		# 0.00
86) Perylene-d12	24.817	264	1732255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	290736	86.483	ng		0.00
7) Phenol-d6	7.114	99	446656	84.297	ng		0.00
23) Nitrobenzene-d5	9.123	82	556124	65.766	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	761149	77.735	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2105259	75.449	ng		0.00
79) Terphenyl-d14	19.969	244	5554686	64.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.430	88	64756	56.973	ng		98
3) Pyridine	3.829	79	170186	50.172	ng	#	91
4) n-Nitrosodimethylamine	3.741	42	74942	42.026	ng	#	97
6) Aniline	7.284	93	282461	48.301	ng		99
8) 2-Chlorophenol	7.519	128	140682	42.901	ng		97
9) Benzaldehyde	7.096	77	146098	37.116	ng		96
10) Phenol	7.137	94	219793	41.471	ng		94
11) bis(2-Chloroethyl)ether	7.378	93	149437	40.517	ng		89
12) 1,3-Dichlorobenzene	7.848	146	183371	38.854	ng		94
13) 1,4-Dichlorobenzene	7.995	146	193030	39.511	ng		87
14) 1,2-Dichlorobenzene	8.312	146	186918	39.026	ng		94
15) Benzyl Alcohol	8.195	79	235524	44.981	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.489	45	84321	43.532	ng		93
17) 2-Methylphenol	8.395	107	160001	44.801	ng		88
18) Hexachloroethane	9.047	117	69248	36.531	ng		94
19) n-Nitroso-di-n-propyla...	8.765	70	167913	42.286	ng		98
20) 3+4-Methylphenols	8.724	107	218781	43.171	ng		97
22) Acetophenone	8.782	105	326844	33.836	ng	#	95
24) Nitrobenzene	9.164	77	278036	32.859	ng		96
25) Isophorone	9.687	82	545330	37.509	ng	#	94
26) 2-Nitrophenol	9.875	139	102523	38.101	ng	#	91
27) 2,4-Dimethylphenol	9.928	122	181952	49.262	ng		97
28) bis(2-Chloroethoxy)met...	10.169	93	253856	37.165	ng	#	88
29) 2,4-Dichlorophenol	10.404	162	274596	37.339	ng		92
30) 1,2,4-Trichlorobenzene	10.627	180	382984	35.712	ng		98
31) Naphthalene	10.815	128	600921	38.674	ng	#	93
32) Benzoic acid	10.051	122	135596	38.499	ng	#	81
33) 4-Chloroaniline	10.915	127	253062	41.761	ng	#	91
34) Hexachlorobutadiene	11.103	225	416064	34.604	ng		99
35) Caprolactam	11.697	113	59210	38.281	ng		95
36) 4-Chloro-3-methylphenol	12.037	107	239964	39.623	ng		86
37) 2-Methylnaphthalene	12.425	142	513737	38.953	ng		98
38) 1-Methylnaphthalene	12.643	142	484933m	37.650	ng		
40) 1,2,4,5-Tetrachloroben...	12.789	216	805762	37.088	ng		100
41) Hexachlorocyclopentadiene	12.772	237	473203	42.985	ng		95
43) 2,4,6-Trichlorophenol	13.024	196	411600	36.998	ng		95

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44) 2,4,5-Trichlorophenol	13.095	196	485369	39.676	ng		92
46) 1,1'-Biphenyl	13.436	154	885614	39.819	ng		99
47) 2-Chloronaphthalene	13.477	162	730346	36.703	ng		95
48) 2-Nitroaniline	13.677	65	149066	39.521	ng		96
49) Acenaphthylene	14.323	152	1061414	39.855	ng		99
50) Dimethylphthalate	14.053	163	1038919	40.102	ng		99
51) 2,6-Dinitrotoluene	14.170	165	201142	35.437	ng		97
52) Acenaphthene	14.664	154	772906m	40.210	ng		
53) 3-Nitroaniline	14.499	138	146641	41.644	ng		97
54) 2,4-Dinitrophenol	14.693	184	239176	48.311	ng	#	86
55) Dibenzofuran	14.999	168	1298270	40.043	ng		97
56) 4-Nitrophenol	14.793	139	119306	39.040	ng		95
57) 2,4-Dinitrotoluene	14.952	165	297534	37.690	ng	#	93
58) Fluorene	15.645	166	1119209	40.566	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	572707	39.353	ng		98
60) Diethylphthalate	15.422	149	916098	39.701	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	995995	39.795	ng		99
62) 4-Nitroaniline	15.663	138	159152	39.266	ng		94
63) Azobenzene	15.933	77	929702	38.838	ng		97
65) 4,6-Dinitro-2-methylph...	15.715	198	306639	36.949	ng		94
66) n-Nitrosodiphenylamine	15.856	169	1012888	40.736	ng		97
67) 4-Bromophenyl-phenylether	16.538	248	713533	38.368	ng		98
68) Hexachlorobenzene	16.650	284	749277	36.261	ng		95
69) Atrazine	16.802	200	394603	32.164	ng		96
70) Pentachlorophenol	16.990	266	558040	37.268	ng		96
71) Phenanthrene	17.390	178	2017739	39.366	ng		99
72) Anthracene	17.484	178	2113800	40.346	ng		99
73) Carbazole	17.748	167	1564514	39.290	ng		98
74) Di-n-butylphthalate	18.318	149	1383119	40.158	ng		100
75) Fluoranthene	19.405	202	3101233	36.816	ng		99
77) Benzidine	19.581	184	610305	48.996	ng		100
78) Pyrene	19.769	202	3171219	40.319	ng		98
80) Butylbenzylphthalate	20.663	149	452919	40.594	ng		97
81) Benzo(a)anthracene	21.603	228	3903626	39.587	ng		98
82) 3,3'-Dichlorobenzidine	21.520	252	1436264	44.349	ng		97
83) Chrysene	21.667	228	3669119	39.687	ng		97
84) Bis(2-ethylhexyl)phtha...	21.526	149	714963	41.878	ng		100
85) Di-n-octyl phthalate	22.737	149	1249131	42.337	ng		100
87) Indeno(1,2,3-cd)pyrene	28.459	276	5063736	39.587	ng	#	99
88) Benzo(b)fluoranthene	23.800	252	3988508m	37.251	ng		
89) Benzo(k)fluoranthene	23.876	252	4142005	39.701	ng		100
90) Benzo(a)pyrene	24.670	252	3975156	41.571	ng		97
91) Dibenzo(a,h)anthracene	28.536	278	4292017	39.519	ng		99
92) Benzo(g,h,i)perylene	29.611	276	4130372	39.323	ng	#	99

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

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