Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059855.D
Acq On : 24 Nov 2023 12:26
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 24 15:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.315	152	19653	20.000	ng		# 0.00
21) Naphthalene-d8	11.170	136	95047	20.000	ng		# 0.00
39) Acenaphthene-d10	14.954	164	123771	20.000	ng		0.00
64) Phenanthrene-d10	17.709	188	296246	20.000	ng		# 0.00
76) Chrysene-d12	22.034	240	209675	20.000	ng		0.00
86) Perylene-d12	25.612	264	214914	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.812	112	166071	142.228	ng		0.00
7) Phenol-d6	7.445	99	149768	86.555	ng		0.00
23) Nitrobenzene-d5	9.525	82	208974	83.970	ng		0.00
42) 2,4,6-Tribromophenol	16.440	330	144102	102.612	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	863206	93.876	ng		0.00
79) Terphenyl-d14	20.283	244	1383180	97.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.644	88	35716	65.125	ng		97
3) Pyridine	4.067	79	119794	79.975	ng		91
4) n-Nitrosodimethylamine	3.990	42	55010	69.033	ng	#	79
6) Aniline	7.645	93	88756	38.868	ng	#	90
8) 2-Chlorophenol	7.874	128	49884	39.380	ng		93
9) Benzaldehyde	7.463	77	48322	41.314	ng		93
10) Phenol	7.474	94	73853	41.413	ng		94
11) bis(2-Chloroethyl)ether	7.739	93	41795	37.648	ng		88
12) 1,3-Dichlorobenzene	8.209	146	59032m	41.955	ng		
13) 1,4-Dichlorobenzene	8.362	146	61483	43.514	ng		92
14) 1,2-Dichlorobenzene	8.679	146	53997m	38.465	ng		
15) Benzyl Alcohol	8.567	79	91739	46.493	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.843	45	16283	39.866	ng	#	82
17) 2-Methylphenol	8.749	107	64374	49.008	ng	#	79
18) Hexachloroethane	9.407	117	24953	41.608	ng	#	86
19) n-Nitroso-di-n-propyla...	9.131	70	58441	42.889	ng	#	91
20) 3+4-Methylphenols	9.090	107	83650	45.873	ng		92
22) Acetophenone	9.172	105	124338	46.207	ng	#	86
24) Nitrobenzene	9.566	77	99486	43.405	ng		98
25) Isophorone	10.077	82	174370	41.735	ng	#	90
26) 2-Nitrophenol	10.277	139	36767	43.754	ng	#	83
27) 2,4-Dimethylphenol	10.301	122	69062	40.422	ng		84
28) bis(2-Chloroethoxy)met...	10.559	93	64323	40.969	ng		98
29) 2,4-Dichlorophenol	10.806	162	66579	45.643	ng		96
30) 1,2,4-Trichlorobenzene	11.017	180	60382	40.958	ng	#	97
31) Naphthalene	11.223	128	215074	45.001	ng	#	96
32) Benzoic acid	10.442	122	64368m	55.359	ng		
33) 4-Chloroaniline	11.341	127	94093	46.286	ng	#	87
34) Hexachlorobutadiene	11.446	225	49474	49.310	ng		90
35) Caprolactam	12.145	113	36104	67.723	ng		89
36) 4-Chloro-3-methylphenol	12.416	107	137958	71.113	ng		94
37) 2-Methylnaphthalene	12.803	142	292529	72.672	ng		88
38) 1-Methylnaphthalene	13.021	142	292167m	78.706	ng		
40) 1,2,4,5-Tetrachloroben...	13.144	216	153614	45.956	ng		99
41) Hexachlorocyclopentadiene	13.097	237	128320	61.199	ng		84
43) 2,4,6-Trichlorophenol	13.391	196	108733	46.778	ng		94

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44) 2,4,5-Trichlorophenol	13.462	196	125544	45.967	ng	#	87
46) 1,1'-Biphenyl	13.791	154	432608	44.530	ng		99
47) 2-Chloronaphthalene	13.849	162	299346	44.843	ng		95
48) 2-Nitroaniline	14.067	65	126830	53.216	ng	#	81
49) Acenaphthylene	14.690	152	520738	45.750	ng		96
50) Dimethylphthalate	14.402	163	459657	47.923	ng		98
51) 2,6-Dinitrotoluene	14.543	165	85916	47.217	ng		83
52) Acenaphthene	15.024	154	312863	45.705	ng		96
53) 3-Nitroaniline	14.883	138	97230	45.651	ng		99
54) 2,4-Dinitrophenol	15.083	184	63737	47.138	ng	#	79
55) Dibenzofuran	15.353	168	522135	46.264	ng		96
56) 4-Nitrophenol	15.160	139	71568	43.921	ng		94
57) 2,4-Dinitrotoluene	15.324	165	135509	48.426	ng		97
58) Fluorene	16.000	166	443593	47.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	108502	45.193	ng		99
60) Diethylphthalate	15.741	149	508842	49.465	ng		97
61) 4-Chlorophenyl-phenyle...	15.982	204	232343	48.142	ng		90
62) 4-Nitroaniline	16.047	138	97469	45.662	ng		93
63) Azobenzene	16.276	77	525497	45.969	ng		97
65) 4,6-Dinitro-2-methylph...	16.070	198	83773	46.272	ng		90
66) n-Nitrosodiphenylamine	16.200	169	403121	46.582	ng		97
67) 4-Bromophenyl-phenylether	16.881	248	148355	46.615	ng		99
68) Hexachlorobenzene	16.975	284	142704	48.042	ng		97
69) Atrazine	17.134	200	117451	42.331	ng		92
70) Pentachlorophenol	17.328	266	93770	41.378	ng	#	81
71) Phenanthrene	17.751	178	690077	45.816	ng		99
72) Anthracene	17.845	178	686540	43.870	ng		98
73) Carbazole	18.121	167	595559	43.561	ng		96
74) Di-n-butylphthalate	18.614	149	723663	43.790	ng		99
75) Fluoranthene	19.742	202	709724	39.292	ng		99
77) Benzidine	19.930	184	114609	24.105	ng	#	94
78) Pyrene	20.107	202	671933	47.100	ng		99
80) Butylbenzylphthalate	20.959	149	271129	46.349	ng		94
81) Benzo(a)anthracene	22.010	228	630240	43.930	ng		99
82) 3,3'-Dichlorobenzidine	21.922	252	211655	39.600	ng		90
83) Chrysene	22.087	228	579794	44.086	ng		97
84) Bis(2-ethylhexyl)phtha...	21.834	149	358230	43.807	ng	#	93
85) Di-n-octyl phthalate	23.162	149	577137	36.661	ng	#	93
87) Indeno(1,2,3-cd)pyrene	29.760	276	719965m	44.273	ng		
88) Benzo(b)fluoranthene	24.449	252	583201	49.511	ng		94
89) Benzo(k)fluoranthene	24.531	252	577242	49.568	ng		95
90) Benzo(a)pyrene	25.442	252	561361	44.654	ng	#	95
91) Dibenzo(a,h)anthracene	29.848	278	608642	44.238	ng	#	94
92) Benzo(g,h,i)perylene	31.094	276	570462	43.699	ng		96

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

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