Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039229.D
Acq On : 21 Jan 2019 12:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:11 AM

Quant Time: Jan 21 13:29:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19195	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	73987	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	51902	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	129399	20.00	ng		0.00
76) Chrysene-d12	21.68	240	134827	20.00	ng		0.00
87) Perylene-d12	24.93	264	145198	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	74504	73.63	ng		0.00
7) Phenol-d6	7.17	99	112752	77.43	ng		0.00
23) Nitrobenzene-d5	9.19	82	106508	78.77	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	67976	78.13	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	303403	80.00	ng		0.00
79) Terphenyl-d14	20.00	244	554502	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14911	37.630	ng		97
3) Pyridine	3.85	79	40232	37.366	ng		98
4) n-Nitrosodimethylamine	3.77	42	19418	40.078	ng		91
6) Aniline	7.34	93	64444	36.849	ng		99
8) 2-Chlorophenol	7.57	128	44130	36.997	ng		99
9) Benzaldehyde	7.15	77	28894	34.406	ng		96
10) Phenol	7.20	94	57007	39.047	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	40791	36.556	ng		96
12) 1,3-Dichlorobenzene	7.89	146	54790	38.339	ng		98
13) 1,4-Dichlorobenzene	8.05	146	54584	37.713	ng		98
14) 1,2-Dichlorobenzene	8.36	146	51381	37.233	ng		98
15) Benzyl Alcohol	8.25	79	44337	40.430	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84465	39.476	ng		97
17) 2-Methylphenol	8.45	107	40261	39.714	ng		96
18) Hexachloroethane	9.09	117	18186	36.985	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	36403	38.068	ng		96
20) 3+4-Methylphenols	8.78	107	55586	38.458	ng		98
22) Acetophenone	8.84	105	76747	39.721	ng	#	99
24) Nitrobenzene	9.23	77	52848	38.669	ng		96
25) Isophorone	9.75	82	92663	39.785	ng		97
26) 2-Nitrophenol	9.94	139	30256	40.929	ng		96
27) 2,4-Dimethylphenol	9.99	122	40067	38.526	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	58408	41.726	ng		99
29) 2,4-Dichlorophenol	10.47	162	53936	41.746	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	59109	38.076	ng		99
31) Naphthalene	10.87	128	142608	38.431	ng		100
32) Benzoic acid	10.16	122	23650m	39.144	ng		
33) 4-Chloroaniline	11.00	127	65207	39.272	ng		98
34) Hexachlorobutadiene	11.13	225	41737	39.073	ng		98
35) Caprolactam	11.79	113	19465	37.570	ng		94
36) 4-Chloro-3-methylphenol	12.11	107	55769	40.357	ng		92
37) 2-Methylnaphthalene	12.48	142	105481	37.914	ng		98
38) 1-Methylnaphthalene	12.69	142	102928m	38.544	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	77835	39.931	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	44432	43.306	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	50252	40.962	ng		92
44) 2,4,5-Trichlorophenol	13.16	196	54409	41.962	ng		98
46) 1,1'-Biphenyl	13.48	154	162846	39.597	ng		98
47) 2-Chloronaphthalene	13.53	162	129309	38.854	ng		98
48) 2-Nitroaniline	13.75	65	38366	41.149	ng		99
49) Acenaphthylene	14.37	152	194132	38.809	ng		98
50) Dimethylphthalate	14.10	163	166404	37.940	ng		99
51) 2,6-Dinitrotoluene	14.24	165	38038	38.791	ng		97
52) Acenaphthene	14.72	154	116605	38.798	ng		96
53) 3-Nitroaniline	14.57	138	38762	38.967	ng		100
54) 2,4-Dinitrophenol	14.78	184	18255	34.428	ng		95
55) Dibenzofuran	15.05	168	202849	38.216	ng		98
56) 4-Nitrophenol	14.88	139	26984	37.701	ng		99
57) 2,4-Dinitrotoluene	15.03	165	53846	38.275	ng	#	96
58) Fluorene	15.70	166	152589	38.191	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	47919	39.151	ng		99
60) Diethylphthalate	15.46	149	168477	37.283	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	95792	38.056	ng		96
62) 4-Nitroaniline	15.74	138	39790	38.397	ng		96
63) Azobenzene	15.98	77	135224	38.265	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	37067	38.665	ng		98
66) n-Nitrosodiphenylamine	15.90	169	150541	39.244	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	66319	39.870	ng		96
68) Hexachlorobenzene	16.70	284	69426	38.250	ng		98
69) Atrazine	16.85	200	60432	37.084	ng		97
70) Pentachlorophenol	17.05	266	42677	41.097	ng		98
71) Phenanthrene	17.44	178	262194	38.335	ng		99
72) Anthracene	17.54	178	261810	38.715	ng		99
73) Carbazole	17.81	167	256141	38.368	ng		98
74) Di-n-butylphthalate	18.34	149	282072	37.981	ng		98
75) Fluoranthene	19.45	202	319450	37.676	ng		99
77) Benzidine	19.64	184	145030	35.169	ng		99
78) Pyrene	19.82	202	330574	38.473	ng		99
80) Butylbenzylphthalate	20.69	149	129595	39.656	ng		99
81) Benzo(a)anthracene	21.65	228	318331	38.785	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	130234	38.944	ng		99
83) Chrysene	21.73	228	301487	38.622	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	179120	39.474	ng		97
85) Di-n-octyl phthalate	22.73	149	299064	38.977	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	357232	38.298	ng	#	95
88) Benzo(b)fluoranthene	23.89	252	317476	39.654	ng		100
89) Benzo(k)fluoranthene	23.96	252	307405	38.834	ng		100
90) Benzo(a)pyrene	24.78	252	304574	39.358	ng		97
91) Dibenzo(a,h)anthracene	28.73	278	300610	39.054	ng		96
92) Benzo(g,h,i)perylene	29.85	276	295245	38.745	ng		97

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

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