Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037132.D
Acq On : 3 Oct 2018 14:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:14 PM

Quant Time: Oct 03 14:57:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50045	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	213768	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	128365	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	299476	20.00	ng		0.00
75) Chrysene-d12	21.67	240	299791	20.00	ng		-0.02
86) Perylene-d12	24.88	264	307624	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	224259	85.94	ng		0.00
7) Phenol-d6	7.20	99	325227	80.55	ng		0.00
23) Nitrobenzene-d5	9.20	82	331313	83.00	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	115920	75.48	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	709880	82.37	ng		-0.02
78) Terphenyl-d14	20.02	244	868494	76.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	54235	45.420	ng		98
3) Pyridine	3.93	79	150415	43.626	ng		95
4) n-Nitrosodimethylamine	3.85	42	63324	41.324	ng	#	96
6) Aniline	7.37	93	197040	37.612	ng		98
8) 2-Chlorophenol	7.60	128	128910	42.545	ng		97
9) Benzaldehyde	7.18	77	102517	38.427	ng		99
10) Phenol	7.23	94	172045	41.290	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	146873	38.106	ng		97
12) 1,3-Dichlorobenzene	7.93	146	151594	40.809	ng		99
13) 1,4-Dichlorobenzene	8.08	146	149645	39.365	ng		99
14) 1,2-Dichlorobenzene	8.40	146	143939	39.073	ng		97
15) Benzyl Alcohol	8.28	79	114880	35.068	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	281764	38.078	ng		97
17) 2-Methylphenol	8.48	107	106259	36.610	ng		97
18) Hexachloroethane	9.12	117	60158	43.003	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	119339	35.532	ng		97
20) 3+4-Methylphenols	8.81	107	153415	37.995	ng		99
22) Acetophenone	8.86	105	198730	39.560	ng	#	97
24) Nitrobenzene	9.24	77	170199	39.925	ng		96
25) Isophorone	9.76	82	287082	39.359	ng		99
26) 2-Nitrophenol	9.96	139	74243	43.694	ng		94
27) 2,4-Dimethylphenol	10.01	122	104885	39.627	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	177737	39.490	ng		99
29) 2,4-Dichlorophenol	10.49	162	130190	42.431	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	154296	40.184	ng		98
31) Naphthalene	10.89	128	399965	39.323	ng		100
32) Benzoic acid	10.15	122	60426m	32.004	ng		
33) 4-Chloroaniline	11.00	127	167899	36.306	ng		99
34) Hexachlorobutadiene	11.17	225	105577	39.760	ng		98
35) Caprolactam	11.78	113	44559	35.284	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	142487	38.920	ng		97
37) 2-Methylnaphthalene	12.49	142	292146	37.713	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	184302	41.165	ng		99
40) Hexachlorocyclopentadiene	12.84	237	81192	35.261	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	103417	41.597	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	112302	42.362	ng		96
45) 1,1'-Biphenyl	13.50	154	402237	40.915	ng		98
46) 2-Chloronaphthalene	13.54	162	314925	40.734	ng		99
47) 2-Nitroaniline	13.75	65	110945	41.489	ng		98
48) Acenaphthylene	14.39	152	490307	40.471	ng		99
49) Dimethylphthalate	14.11	163	388297	37.580	ng		98
50) 2,6-Dinitrotoluene	14.24	165	87828	38.959	ng		98
51) Acenaphthene	14.73	154	292705	39.976	ng		97
52) 3-Nitroaniline	14.57	138	94169	39.641	ng		98
53) 2,4-Dinitrophenol	14.78	184	29430	32.842	ng		90
54) Dibenzofuran	15.06	168	489340	39.511	ng		99
55) 4-Nitrophenol	14.88	139	51725m	34.083	ng		
56) 2,4-Dinitrotoluene	15.02	165	120281	38.236	ng		98
57) Fluorene	15.71	166	354068	38.249	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	104431	38.832	ng		98
59) Diethylphthalate	15.48	149	389845	37.408	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	219247	37.399	ng		98
61) 4-Nitroaniline	15.73	138	94570	37.847	ng		93
62) Azobenzene	15.99	77	399401	39.886	ng		97
64) 4,6-Dinitro-2-methylphenol	15.79	198	58357	37.272	ng		93
65) n-Nitrosodiphenylamine	15.92	169	346440	41.903	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	136555	40.088	ng		97
67) Hexachlorobenzene	16.71	284	137188	39.104	ng		98
68) Atrazine	16.86	200	128621	38.421	ng		97
69) Pentachlorophenol	17.06	266	78906	35.723	ng		99
70) Phenanthrene	17.45	178	580188	40.203	ng		99
71) Anthracene	17.54	178	589987	41.344	ng		99
72) Carbazole	17.81	167	570060	40.972	ng		97
73) Di-n-butylphthalate	18.37	149	647067	41.878	ng		99
74) Fluoranthene	19.46	202	695148	40.016	ng		98
76) Benzidine	19.64	184	256451	28.298	ng		98
77) Pyrene	19.82	202	712443	39.602	ng		99
79) Butylbenzylphthalate	20.70	149	298906	41.685	ng		94
80) Benzo(a)anthracene	21.66	228	675467	38.598	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	254355	38.184	ng		98
82) Chrysene	21.72	228	662039	39.154	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	415293	41.458	ng		98
84) Di-n-octyl phthalate	22.76	149	684443	41.499	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	724013	39.875	ng	#	93
87) Benzo(b)fluoranthene	23.87	252	632165	38.561	ng		98
88) Benzo(k)fluoranthene	23.93	252	663839	40.361	ng		99
89) Benzo(a)pyrene	24.73	252	616119	38.873	ng		98
90) Dibenzo(a,h)anthracene	28.58	278	574887	38.702	ng		99
91) Benzo(g,h,i)perylene	29.66	276	581100	38.980	ng		97

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

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