Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037095.D
Acq On : 2 Oct 2018 4:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:11 PM

Quant Time: Oct 02 08:58:00 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	47221	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	208992	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	136288	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	349109	20.00	ng		0.00
75) Chrysene-d12	21.68	240	355411	20.00	ng		-0.01
86) Perylene-d12	24.87	264	370033	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	217583	88.37	ng		-0.01
7) Phenol-d6	7.20	99	313058	82.18	ng		-0.01
23) Nitrobenzene-d5	9.20	82	327365	83.88	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	136571	83.75	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	717702	78.43	ng		-0.01
78) Terphenyl-d14	20.02	244	1013257	74.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	52140	46.277	ng		97
3) Pyridine	3.92	79	142025	43.657	ng		97
4) n-Nitrosodimethylamine	3.84	42	61530	42.554	ng	#	97
6) Aniline	7.37	93	191282	38.696	ng		98
8) 2-Chlorophenol	7.61	128	119736	41.880	ng		99
9) Benzaldehyde	7.18	77	98031	38.943	ng		99
10) Phenol	7.22	94	167314	42.556	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	138252	38.014	ng		97
12) 1,3-Dichlorobenzene	7.93	146	142176	40.563	ng		99
13) 1,4-Dichlorobenzene	8.08	146	142508	39.729	ng		97
14) 1,2-Dichlorobenzene	8.39	146	136422	39.247	ng		99
15) Benzyl Alcohol	8.28	79	114223	36.952	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	271897	38.942	ng		96
17) 2-Methylphenol	8.48	107	106113	38.746	ng		93
18) Hexachloroethane	9.12	117	55725	42.216	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	116033	36.614	ng		95
20) 3+4-Methylphenols	8.81	107	148656	39.018	ng		97
22) Acetophenone	8.86	105	195239	39.753	ng	#	96
24) Nitrobenzene	9.25	77	169497	40.669	ng		99
25) Isophorone	9.76	82	286617	40.193	ng		99
26) 2-Nitrophenol	9.96	139	74309	44.732	ng		97
27) 2,4-Dimethylphenol	10.01	122	100689	38.911	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	173685	39.472	ng		97
29) 2,4-Dichlorophenol	10.49	162	123402	41.138	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	150026	39.965	ng		98
31) Naphthalene	10.89	128	394360	39.658	ng		99
32) Benzoic acid	10.15	122	69479m	36.615	ng		
33) 4-Chloroaniline	11.00	127	173796	38.440	ng		97
34) Hexachlorobutadiene	11.17	225	103955	40.043	ng		99
35) Caprolactam	11.78	113	49900	40.417	ng	#	90
36) 4-Chloro-3-methylphenol	12.12	107	153259	42.819	ng		98
37) 2-Methylnaphthalene	12.50	142	293918	38.809	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	186144	39.160	ng		99
40) Hexachlorocyclopentadiene	12.84	237	81694	33.416	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	107425	40.697	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	118388	42.061	ng		97
45) 1,1'-Biphenyl	13.50	154	412900	39.558	ng		97
46) 2-Chloronaphthalene	13.54	162	324603	39.545	ng		99
47) 2-Nitroaniline	13.75	65	121159	42.674	ng		97
48) Acenaphthylene	14.39	152	519465	40.386	ng		98
49) Dimethylphthalate	14.12	163	428861	39.093	ng		98
50) 2,6-Dinitrotoluene	14.24	165	99783	41.689	ng		96
51) Acenaphthene	14.73	154	308564	39.692	ng		98
52) 3-Nitroaniline	14.58	138	106375	42.176	ng		98
53) 2,4-Dinitrophenol	14.79	184	30691m	32.394	ng		
54) Dibenzofuran	15.06	168	521986	39.697	ng		99
55) 4-Nitrophenol	14.88	139	66810	41.464	ng		95
56) 2,4-Dinitrotoluene	15.03	165	140063	41.937	ng		94
57) Fluorene	15.71	166	393287	40.016	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	119575	41.878	ng		99
59) Diethylphthalate	15.48	149	439732	39.742	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	241425	38.789	ng		99
61) 4-Nitroaniline	15.74	138	109738	41.364	ng		92
62) Azobenzene	16.00	77	446829	42.029	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	71617	39.238	ng		97
65) n-Nitrosodiphenylamine	15.92	169	386139	40.065	ng		100
66) 4-Bromophenyl-phenylether	16.60	248	154099	38.807	ng		95
67) Hexachlorobenzene	16.71	284	158109	38.660	ng		96
68) Atrazine	16.87	200	151203	38.746	ng		96
69) Pentachlorophenol	17.06	266	98140	38.114	ng		98
70) Phenanthrene	17.45	178	673040	40.006	ng		98
71) Anthracene	17.54	178	677974	40.756	ng		99
72) Carbazole	17.81	167	674104	41.562	ng		97
73) Di-n-butylphthalate	18.36	149	756891	42.021	ng		99
74) Fluoranthene	19.46	202	816613	40.325	ng		98
76) Benzidine	19.64	184	465393	43.317	ng		99
77) Pyrene	19.82	202	831467	38.985	ng		99
79) Butylbenzylphthalate	20.70	149	355071	41.768	ng		95
80) Benzo(a)anthracene	21.66	228	810809	39.081	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	309461	39.187	ng		98
82) Chrysene	21.73	228	787729	39.297	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	492616	41.481	ng		98
84) Di-n-octyl phthalate	22.76	149	827599	42.326	ng		99
85) Indeno(1,2,3-cd)pyrene	28.52	276	879006	40.835	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	760711	38.576	ng		99
88) Benzo(k)fluoranthene	23.93	252	805466	40.712	ng		99
89) Benzo(a)pyrene	24.73	252	760811	39.907	ng		98
90) Dibenzo(a,h)anthracene	28.58	278	716773	40.116	ng		99
91) Benzo(g,h,i)perylene	29.66	276	722496	40.290	ng		99

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

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