Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037196.D
Acq On : 5 Oct 2018 19:42
Operator : JU/SJ
Sample : J5263-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318MSD

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:11 PM

Quant Time: Oct 06 04:58:55 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	8.03	152	37225	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	164903	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	116028	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	286017	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	270545	20.00	ng		-0.02
86) Perylene-d12	24.86	264	281179	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	318821	164.25	ng		-0.02
7) Phenol-d6	7.20	99	483856	161.12	ng		-0.02
23) Nitrobenzene-d5	9.19	82	310046	100.69	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	208568	150.24	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	647656	83.14	ng		-0.02
78) Terphenyl-d14	20.01	244	1126985	109.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	36347	40.923	ng		97
3) Pyridine	3.91	79	101105	39.424	ng		99
4) n-Nitrosodimethylamine	3.82	42	59081	51.833	ng	#	97
6) Aniline	7.36	93	122097	31.333	ng		99
8) 2-Chlorophenol	7.60	128	116864	51.852	ng		93
9) Benzaldehyde	7.17	77	75428	38.010	ng		97
10) Phenol	7.22	94	178381	57.554	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	117461	40.971	ng		98
12) 1,3-Dichlorobenzene	7.92	146	110126	39.856	ng		98
13) 1,4-Dichlorobenzene	8.07	146	109510	38.728	ng		97
14) 1,2-Dichlorobenzene	8.38	146	110718	40.405	ng		100
15) Benzyl Alcohol	8.27	79	112209	46.048	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	238346	43.303	ng		98
17) 2-Methylphenol	8.47	107	106310	49.242	ng		97
18) Hexachloroethane	9.11	117	42622	40.960	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	106991	42.826	ng		97
20) 3+4-Methylphenols	8.80	107	151326	50.384	ng		98
22) Acetophenone	8.85	105	182295	47.042	ng	#	97
24) Nitrobenzene	9.24	77	154363	46.941	ng		99
25) Isophorone	9.75	82	309433	54.994	ng		99
26) 2-Nitrophenol	9.95	139	68674	52.392	ng		96
27) 2,4-Dimethylphenol	10.01	122	114931	56.289	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	171193	49.308	ng		97
29) 2,4-Dichlorophenol	10.48	162	128453	54.270	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	121520	41.026	ng		98
31) Naphthalene	10.89	128	372215	47.439	ng		98
32) Benzoic acid	10.01	122	114931	70.381	ng	#	14
33) 4-Chloroaniline	11.00	127	95273	26.706	ng		95
34) Hexachlorobutadiene	11.16	225	77498	37.834	ng		98
35) Caprolactam	11.77	113	52073m	53.453	ng		
36) 4-Chloro-3-methylphenol	12.11	107	161357	57.134	ng		96
37) 2-Methylnaphthalene	12.49	142	287139	48.050	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	158105	39.069	ng		97
40) Hexachlorocyclopentadiene	12.83	237	168160	80.795	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	111819	49.759 ng	97
43) 2,4,5-Trichlorophenol	13.17	196	122725	51.216 ng	95
45) 1,1'-Biphenyl	13.49	154	384027	43.217 ng	98
46) 2-Chloronaphthalene	13.54	162	291669	41.738 ng	100
47) 2-Nitroaniline	13.74	65	122590	50.718 ng	96
48) Acenaphthylene	14.38	152	515549	47.080 ng	99
49) Dimethylphthalate	14.11	163	509643	54.569 ng	98
50) 2,6-Dinitrotoluene	14.23	165	96665	47.438 ng	99
51) Acenaphthene	14.72	154	290283	43.861 ng	100
52) 3-Nitroaniline	14.57	138	73005	33.999 ng	100
53) 2,4-Dinitrophenol	14.78	184	21345	27.864 ng	93
54) Dibenzofuran	15.05	168	486420	43.451 ng	98
55) 4-Nitrophenol	14.88	139	142506	103.887 ng	96
56) 2,4-Dinitrotoluene	15.02	165	137212	48.257 ng	92
57) Fluorene	15.70	166	391791	46.825 ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	124875	51.371 ng	99
59) Diethylphthalate	15.47	149	432294	45.892 ng	98
60) 4-Chlorophenyl-phenylether	15.69	204	214778	40.533 ng	99
61) 4-Nitroaniline	15.73	138	101919	45.125 ng	98
62) Azobenzene	15.99	77	427218	47.201 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	59271	39.637 ng	98
65) n-Nitrosodiphenylamine	15.91	169	362387	45.894 ng	98
66) 4-Bromophenyl-phenylether	16.59	248	138330	42.520 ng	98
67) Hexachlorobenzene	16.71	284	142930	42.657 ng	99
68) Atrazine	16.86	200	155830	48.740 ng	97
69) Pentachlorophenol	17.06	266	147369	69.857 ng	98
70) Phenanthrene	17.44	178	653711	47.429 ng	99
71) Anthracene	17.54	178	664000	48.720 ng	99
72) Carbazole	17.81	167	609364	45.858 ng	98
73) Di-n-butylphthalate	18.35	149	690949	46.822 ng	99
74) Fluoranthene	19.45	202	778589	46.929 ng	100
76) Benzidine	19.64	184	288560	35.283 ng	98
77) Pyrene	19.81	202	756920	46.623 ng	99
79) Butylbenzylphthalate	20.69	149	319616	49.391 ng	97
80) Benzo(a)anthracene	21.65	228	743888	47.103 ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	167656	27.890 ng	97
82) Chrysene	21.72	228	707966	46.396 ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	458082	50.673 ng	99
84) Di-n-octyl phthalate	22.75	149	786144	52.817 ng	99
85) Indeno(1,2,3-cd)pyrene	28.49	276	824963	50.346 ng	100
87) Benzo(b)fluoranthene	23.85	252	728084	48.588 ng	97
88) Benzo(k)fluoranthene	23.92	252	716110	47.634 ng	99
89) Benzo(a)pyrene	24.71	252	709169	48.953 ng	99
90) Dibenzo(a,h)anthracene	28.55	278	669885	49.339 ng	99
91) Benzo(g,h,i)perylene	29.64	276	673577	49.432 ng	99

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

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