Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040427.D
Acq On : 10 Apr 2019 23:02
Operator : JU/SJ
Sample : PB118770BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118770BS

Quant Time: Apr 11 01:43:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46598	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	186565	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	122433	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	323266	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	358483	20.00	ng		-0.03
87) Perylene-d12	24.97	264	360424	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	367582	131.14	ng		-0.02
7) Phenol-d6	7.21	99	503485	129.97	ng		-0.02
23) Nitrobenzene-d5	9.22	82	270604	77.10	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	197708	149.42	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	626200	75.79	ng		-0.02
79) Terphenyl-d14	20.02	244	1174685	73.72	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	69401	52.655	ng		98
3) Pyridine	3.89	79	121138	34.136	ng		97
4) n-Nitrosodimethylamine	3.82	42	61769	37.629	ng	#	95
6) Aniline	7.37	93	135730	26.968	ng		97
8) 2-Chlorophenol	7.61	128	132080	40.253	ng		97
9) Benzaldehyde	7.19	77	50717	19.086	ng		95
10) Phenol	7.23	94	175189	41.665	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	128315	38.101	ng		100
12) 1,3-Dichlorobenzene	7.93	146	136644	38.309	ng		95
13) 1,4-Dichlorobenzene	8.08	146	141806	39.917	ng		94
14) 1,2-Dichlorobenzene	8.40	146	133574	39.318	ng		97
15) Benzyl Alcohol	8.29	79	119997	38.463	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	244916	37.893	ng		100
17) 2-Methylphenol	8.49	107	119659	41.126	ng		96
18) Hexachloroethane	9.12	117	50004	37.004	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	103341	37.207	ng		96
20) 3+4-Methylphenols	8.81	107	165805	42.065	ng		95
22) Acetophenone	8.88	105	201957	43.396	ng	#	98
24) Nitrobenzene	9.26	77	152941	42.079	ng		97
25) Isophorone	9.77	82	294165	40.732	ng		98
26) 2-Nitrophenol	9.97	139	74124	43.039	ng		94
27) 2,4-Dimethylphenol	10.02	122	130816	47.819	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	175461	41.066	ng		99
29) 2,4-Dichlorophenol	10.50	162	138646	46.692	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	141288	43.333	ng		97
31) Naphthalene	10.91	128	415036	43.401	ng		100
32) Benzoic acid	10.16	122	58542	35.419	ng		87
33) 4-Chloroaniline	11.03	127	107580	26.374	ng		97
34) Hexachlorobutadiene	11.17	225	83806	40.190	ng		95
35) Caprolactam	11.81	113	51040	43.314	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	159070	46.598	ng		98
37) 2-Methylnaphthalene	12.51	142	317388	44.876	ng		100
38) 1-Methylnaphthalene	12.73	142	298750	43.561	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	159812	41.069	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	171972	80.487 ng		95
43) 2,4,6-Trichlorophenol	13.12	196	113314	45.165 ng		95
44) 2,4,5-Trichlorophenol	13.19	196	123861	45.294 ng		97
46) 1,1'-Biphenyl	13.51	154	404704	41.835 ng		99
47) 2-Chloronaphthalene	13.56	162	311208	41.939 ng		100
48) 2-Nitroaniline	13.77	65	110092	43.985 ng		92
49) Acenaphthylene	14.40	152	526705	41.864 ng		100
50) Dimethylphthalate	14.13	163	409902	42.778 ng		99
51) 2,6-Dinitrotoluene	14.26	165	92350	42.923 ng		100
52) Acenaphthene	14.74	154	301758	41.857 ng		98
53) 3-Nitroaniline	14.60	138	78177	34.327 ng		95
54) 2,4-Dinitrophenol	14.80	184	99790	87.212 ng		90
55) Dibenzofuran	15.07	168	504450	43.547 ng		99
56) 4-Nitrophenol	14.90	139	164246	89.357 ng		98
57) 2,4-Dinitrotoluene	15.04	165	138141	46.208 ng		95
58) Fluorene	15.72	166	398752	43.782 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	122534	49.379 ng	#	98
60) Diethylphthalate	15.48	149	438352	44.706 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	214785	44.119 ng		98
62) 4-Nitroaniline	15.76	138	113683	46.513 ng		99
63) Azobenzene	16.00	77	402565	43.526 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77583	42.718 ng		95
66) n-Nitrosodiphenylamine	15.93	169	384281	40.623 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	143622	39.480 ng		98
68) Hexachlorobenzene	16.72	284	147003	40.190 ng		98
69) Atrazine	16.87	200	145773	41.426 ng		99
70) Pentachlorophenol	17.07	266	169654	80.227 ng		96
71) Phenanthrene	17.47	178	711010	41.845 ng		99
72) Anthracene	17.56	178	725996	42.688 ng		99
73) Carbazole	17.83	167	715560	44.458 ng		99
74) Di-n-butylphthalate	18.36	149	850873	44.598 ng		100
75) Fluoranthene	19.48	202	927882	46.117 ng		100
77) Benzidine	19.66	184	359293	27.755 ng		98
78) Pyrene	19.83	202	930597	39.475 ng		99
80) Butylbenzylphthalate	20.70	149	431719	42.796 ng		98
81) Benzo(a)anthracene	21.68	228	887973	40.215 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	245578	29.237 ng		96
83) Chrysene	21.74	228	875461	41.255 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	619713	42.976 ng		99
85) Di-n-octyl phthalate	22.77	149	1073719	43.703 ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1090385	42.012 ng	#	90
88) Benzo(b)fluoranthene	23.93	252	980028	44.412 ng		98
89) Benzo(k)fluoranthene	24.00	252	907526	44.722 ng		97
90) Benzo(a)pyrene	24.82	252	937247	45.269 ng		99
91) Dibenzo(a,h)anthracene	28.81	278	881905	45.863 ng		100
92) Benzo(g,h,i)perylene	29.93	276	899450	45.514 ng		99

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

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