Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040467.D
Acq On : 12 Apr 2019 18:49
Operator : JU/SJ
Sample : PB118836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118836BS

Quant Time: Apr 12 22:42:59 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	8.04	152	49664	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	206172	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	136881	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	369661	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	388582	20.00	ng		-0.04
87) Perylene-d12	24.97	264	374829	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	412660	138.13	ng		-0.02
7) Phenol-d6	7.21	99	566996	137.33	ng		-0.02
23) Nitrobenzene-d5	9.22	82	348494	89.85	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	230060	155.52	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	789128	85.42	ng		-0.02
79) Terphenyl-d14	20.02	244	1435523	83.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	51661	36.776	ng		98
3) Pyridine	3.89	79	121689	32.174	ng		96
4) n-Nitrosodimethylamine	3.82	42	65375	37.367	ng	#	92
6) Aniline	7.37	93	160102	29.847	ng		97
8) 2-Chlorophenol	7.61	128	142899	40.862	ng		93
9) Benzaldehyde	7.19	77	64174	22.660	ng		93
10) Phenol	7.23	94	193198	43.111	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	138203	38.504	ng		98
12) 1,3-Dichlorobenzene	7.93	146	145328	38.228	ng		96
13) 1,4-Dichlorobenzene	8.08	146	149031	39.361	ng		95
14) 1,2-Dichlorobenzene	8.40	146	144071	39.789	ng		98
15) Benzyl Alcohol	8.29	79	128080	38.520	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	267632	38.851	ng		100
17) 2-Methylphenol	8.48	107	129917	41.895	ng		99
18) Hexachloroethane	9.12	117	52866	36.707	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	111850	37.785	ng		97
20) 3+4-Methylphenols	8.81	107	177676	42.294	ng		98
22) Acetophenone	8.87	105	212528	41.324	ng	#	98
24) Nitrobenzene	9.26	77	164699	41.004	ng		96
25) Isophorone	9.77	82	320124	40.111	ng		99
26) 2-Nitrophenol	9.97	139	78873	41.441	ng		97
27) 2,4-Dimethylphenol	10.02	122	151124	49.989	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	192041	40.672	ng		96
29) 2,4-Dichlorophenol	10.50	162	150421	45.840	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	148830	41.306	ng		96
31) Naphthalene	10.91	128	443838	41.999	ng		99
32) Benzoic acid	10.17	122	55448	30.356	ng		96
33) 4-Chloroaniline	11.03	127	120040	26.630	ng		98
34) Hexachlorobutadiene	11.17	225	87820	38.110	ng		96
35) Caprolactam	11.81	113	57792	44.380	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	173810	46.074	ng		97
37) 2-Methylnaphthalene	12.51	142	337618	43.197	ng		98
38) 1-Methylnaphthalene	12.73	142	324344	42.795	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	171122	39.333	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	178902	74.893	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	121601	43.352	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	137774	45.064	ng		98
46) 1,1'-Biphenyl	13.51	154	438759	40.568	ng		99
47) 2-Chloronaphthalene	13.56	162	336497	40.561	ng		100
48) 2-Nitroaniline	13.77	65	123759	44.226	ng		94
49) Acenaphthylene	14.40	152	571208	40.609	ng		100
50) Dimethylphthalate	14.13	163	460161	42.954	ng		99
51) 2,6-Dinitrotoluene	14.26	165	105244	43.753	ng		97
52) Acenaphthene	14.74	154	330024	40.946	ng		98
53) 3-Nitroaniline	14.60	138	83446	32.773	ng	#	94
54) 2,4-Dinitrophenol	14.80	184	112447	87.900	ng		95
55) Dibenzofuran	15.07	168	560446	43.274	ng		100
56) 4-Nitrophenol	14.90	139	181864	88.498	ng		98
57) 2,4-Dinitrotoluene	15.04	165	152943	45.759	ng		94
58) Fluorene	15.72	166	441677	43.376	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137413	49.530	ng		98
60) Diethylphthalate	15.48	149	492373	44.915	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	235063	43.188	ng		98
62) 4-Nitroaniline	15.76	138	127261	46.573	ng		99
63) Azobenzene	16.00	77	452085	43.720	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	86570	41.684	ng		96
66) n-Nitrosodiphenylamine	15.93	169	428825	39.642	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	160903	38.679	ng		96
68) Hexachlorobenzene	16.72	284	163590	39.111	ng		99
69) Atrazine	16.87	200	161286	40.081	ng		99
70) Pentachlorophenol	17.07	266	189842	78.507	ng		93
71) Phenanthrene	17.46	178	796219	40.979	ng		100
72) Anthracene	17.55	178	818270	42.075	ng		99
73) Carbazole	17.83	167	785430	42.674	ng		100
74) Di-n-butylphthalate	18.36	149	953291	43.695	ng		99
75) Fluoranthene	19.47	202	1015200	44.124	ng		99
77) Benzidine	19.66	184	364538	25.979	ng		99
78) Pyrene	19.83	202	1006571	39.391	ng		99
80) Butylbenzylphthalate	20.70	149	460520	42.115	ng		97
81) Benzo(a)anthracene	21.67	228	931661	38.925	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	263777	28.971	ng		99
83) Chrysene	21.74	228	917004	39.865	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	660517	42.257	ng		100
85) Di-n-octyl phthalate	22.76	149	1141309	42.856	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1136527	40.397	ng	#	88
88) Benzo(b)fluoranthene	23.92	252	1012284	44.111	ng		98
89) Benzo(k)fluoranthene	23.99	252	951107	45.068	ng		99
90) Benzo(a)pyrene	24.82	252	986854	45.833	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	930274	46.519	ng		99
92) Benzo(g,h,i)perylene	29.92	276	921644	44.845	ng		97

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

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