Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040992.D
Acq On : 1 Jun 2019 1:35
Operator : HP/JU
Sample : PB120082BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120082BS

Quant Time: Jun 01 05:18:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	277993	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	1065542	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	783339	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	1836034	20.00	ng	0.00
76) Chrysene-d12	21.78	240	1893324	20.00	ng	0.00
87) Perylene-d12	25.13	264	2153600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1656538	107.45	ng	0.00
7) Phenol-d6	7.29	99	2283827	95.92	ng	0.02
23) Nitrobenzene-d5	9.32	82	1677153	69.88	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	1359940	116.94	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	3168957	58.26	ng	0.00
79) Terphenyl-d14	20.10	244	4312649	48.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	40872	5.842	ng	# 88
3) Pyridine	3.93	79	111235	5.374	ng	97
4) n-Nitrosodimethylamine	3.85	42	61484	6.400	ng	80
6) Aniline	7.45	93	147095	4.628	ng	97
8) 2-Chlorophenol	7.69	128	115053	6.260	ng	94
9) Benzaldehyde	7.26	77	59528	4.191	ng	89
10) Phenol	7.31	94	155849	6.105	ng	91
11) bis(2-Chloroethyl)ether	7.55	93	111707	6.032	ng	94
12) 1,3-Dichlorobenzene	8.01	146	129618	5.905	ng	97
13) 1,4-Dichlorobenzene	8.16	146	130667	5.881	ng	94
14) 1,2-Dichlorobenzene	8.48	146	124850	5.787	ng	99
15) Benzyl Alcohol	8.36	79	135252	6.141	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	179568	5.934	ng	98
17) 2-Methylphenol	8.56	107	110426	5.974	ng	98
18) Hexachloroethane	9.20	117	52068	6.080	ng	99
19) n-Nitroso-di-n-propylamine	8.93	70	109241	5.962	ng	99
20) 3+4-Methylphenols	8.89	107	154329	6.028	ng	97
22) Acetophenone	8.95	105	201395	6.738	ng	# 98
24) Nitrobenzene	9.35	77	168509	6.889	ng	95
25) Isophorone	9.86	82	310064	6.788	ng	99
26) 2-Nitrophenol	10.05	139	70796	7.021	ng	93
27) 2,4-Dimethylphenol	10.10	122	125674	7.546	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	157703	6.397	ng	99
29) 2,4-Dichlorophenol	10.58	162	139081	6.576	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	157217	6.535	ng	95
31) Naphthalene	11.00	128	376785	6.586	ng	100
32) Benzoic acid	10.20	122	70874	12.676	ng	94
33) 4-Chloroaniline	11.10	127	93547	3.524	ng	99
34) Hexachlorobutadiene	11.26	225	113991	6.192	ng	98
35) Caprolactam	11.90	113	45510	6.517	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	156358	6.474	ng	96
37) 2-Methylnaphthalene	12.59	142	288427	6.546	ng	99
38) 1-Methylnaphthalene	12.81	142	276874	6.668	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	210364	6.663	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	249524	21.424	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	133724	6.547	ng		95
44) 2,4,5-Trichlorophenol	13.26	196	142252	6.604	ng		98
46) 1,1'-Biphenyl	13.59	154	392497	6.769	ng		98
47) 2-Chloronaphthalene	13.64	162	320439	6.437	ng		97
48) 2-Nitroaniline	13.84	65	112796	6.316	ng		98
49) Acenaphthylene	14.48	152	503056	6.715	ng		99
50) Dimethylphthalate	14.20	163	428305	6.459	ng		99
51) 2,6-Dinitrotoluene	14.33	165	93363	6.530	ng		95
52) Acenaphthene	14.82	154	286416	6.311	ng		99
53) 3-Nitroaniline	14.66	138	64343	4.501	ng	#	91
54) 2,4-Dinitrophenol	14.86	184	105538	24.681	ng		95
55) Dibenzofuran	15.15	168	503028	6.587	ng		97
56) 4-Nitrophenol	14.95	139	142606	14.543	ng		90
57) 2,4-Dinitrotoluene	15.11	165	133666	6.619	ng	#	94
58) Fluorene	15.80	166	402203	6.613	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	148146	6.998	ng		100
60) Diethylphthalate	15.56	149	434352	6.419	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	255784	6.470	ng		95
62) 4-Nitroaniline	15.83	138	95189	6.289	ng		96
63) Azobenzene	16.08	77	401236	6.524	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	75408	14.883	ng		94
66) n-Nitrosodiphenylamine	16.00	169	365614	7.084	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	166539	6.721	ng		98
68) Hexachlorobenzene	16.79	284	175284	6.643	ng		97
69) Atrazine	16.94	200	154195	7.743	ng		99
70) Pentachlorophenol	17.14	266	206256	18.072	ng		97
71) Phenanthrene	17.54	178	672490	7.032	ng		99
72) Anthracene	17.63	178	699883	7.420	ng		100
73) Carbazole	17.90	167	598883	7.400	ng		98
74) Di-n-butylphthalate	18.43	149	713772	7.096	ng		99
75) Fluoranthene	19.54	202	896549	7.590	ng		99
77) Benzidine	19.72	184	304072	6.732	ng		98
78) Pyrene	19.90	202	902219	7.330	ng		100
80) Butylbenzylphthalate	20.77	149	338385	7.065	ng		99
81) Benzo(a)anthracene	21.76	228	893410	7.089	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	222496	5.019	ng		98
83) Chrysene	21.83	228	854964	7.089	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	461653	6.847	ng		98
85) Di-n-octyl phthalate	22.87	149	775465	6.906	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1008138	6.824	ng	#	96
88) Benzo(b)fluoranthene	24.05	252	886449	6.786	ng		100
89) Benzo(k)fluoranthene	24.12	252	863091	6.677	ng		100
90) Benzo(a)pyrene	24.96	252	861597	6.914	ng		96
91) Dibenzo(a,h)anthracene	29.02	278	824411	6.620	ng		97
92) Benzo(g,h,i)perylene	30.16	276	836223	6.912	ng		95

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

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