Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041585.D
Acq On : 3 Jul 2019 11:23
Operator : HP/JU
Sample : PB121109BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:48 AM

Quant Time: Jul 03 13:48:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27837	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	99910	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	71668	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	197370	20.00	ng		0.00
76) Chrysene-d12	21.70	240	237886	20.00	ng		0.00
87) Perylene-d12	24.98	264	227201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	227912	145.97	ng		0.00
7) Phenol-d6	7.19	99	313696	142.72	ng		0.00
23) Nitrobenzene-d5	9.22	82	218789	91.33	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	186336	152.27	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	520048	93.12	ng		0.00
79) Terphenyl-d14	20.03	244	1155750	103.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24091	34.085	ng		96
3) Pyridine	3.82	79	61706	34.410	ng		97
4) n-Nitrosodimethylamine	3.75	42	45868	45.965	ng		95
6) Aniline	7.35	93	71671	25.297	ng		98
8) 2-Chlorophenol	7.59	128	84006	47.974	ng		97
9) Benzaldehyde	7.18	77	14517	10.936	ng		91
10) Phenol	7.22	94	106556	48.102	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	73589	41.889	ng		99
12) 1,3-Dichlorobenzene	7.91	146	95933	42.351	ng		99
13) 1,4-Dichlorobenzene	8.06	146	96543	42.278	ng		99
14) 1,2-Dichlorobenzene	8.38	146	91332	41.773	ng		97
15) Benzyl Alcohol	8.28	79	81571	46.601	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	92632	37.549	ng		95
17) 2-Methylphenol	8.48	107	73542	45.606	ng		95
18) Hexachloroethane	9.11	117	36506	40.516	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	64948	39.614	ng		97
20) 3+4-Methylphenols	8.81	107	100025	46.539	ng		96
22) Acetophenone	8.86	105	137506	45.883	ng		98
24) Nitrobenzene	9.26	77	109774	45.653	ng		99
25) Isophorone	9.77	82	190776	44.357	ng		98
26) 2-Nitrophenol	9.96	139	46165	45.973	ng		98
27) 2,4-Dimethylphenol	10.02	122	77304	55.312	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	97244	42.759	ng		98
29) 2,4-Dichlorophenol	10.50	162	97331	51.559	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	112279	46.405	ng		93
31) Naphthalene	10.90	128	256757	46.469	ng		98
32) Benzoic acid	10.19	122	36427	45.666	ng		94
33) 4-Chloroaniline	11.02	127	55548	23.883	ng	#	96
34) Hexachlorobutadiene	11.16	225	85960	44.757	ng		94
35) Caprolactam	11.82	113	28262m	47.948	ng		
36) 4-Chloro-3-methylphenol	12.14	107	99383	48.590	ng		99
37) 2-Methylnaphthalene	12.51	142	188870	46.269	ng		99
38) 1-Methylnaphthalene	12.72	142	182022	46.740	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	150453	47.675	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	160315	93.009	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	89643	47.877	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	93420	50.082	ng		95
46) 1,1'-Biphenyl	13.51	154	262814	46.455	ng		98
47) 2-Chloronaphthalene	13.56	162	217770	44.836	ng		100
48) 2-Nitroaniline	13.78	65	68532	41.623	ng		94
49) Acenaphthylene	14.40	152	338953	46.689	ng		98
50) Dimethylphthalate	14.13	163	297417	45.603	ng		98
51) 2,6-Dinitrotoluene	14.26	165	65509	47.331	ng		95
52) Acenaphthene	14.74	154	194754	45.238	ng		98
53) 3-Nitroaniline	14.60	138	36687	27.766	ng		94
54) 2,4-Dinitrophenol	14.82	184	46738	53.839	ng		91
55) Dibenzofuran	15.07	168	356926	47.624	ng		98
56) 4-Nitrophenol	14.92	139	88850	104.197	ng		96
57) 2,4-Dinitrotoluene	15.05	165	97764	48.690	ng		98
58) Fluorene	15.73	166	284552	47.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	105949	53.878	ng		97
60) Diethylphthalate	15.48	149	312498	46.810	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	184464	47.964	ng		97
62) 4-Nitroaniline	15.77	138	56543	43.909	ng		89
63) Azobenzene	16.00	77	262086	46.564	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	45698	37.384	ng		99
66) n-Nitrosodiphenylamine	15.93	169	257449	47.394	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	124710	46.238	ng		98
68) Hexachlorobenzene	16.72	284	134663	46.340	ng		99
69) Atrazine	16.87	200	118098	51.362	ng		96
70) Pentachlorophenol	17.07	266	136884	103.956	ng		91
71) Phenanthrene	17.47	178	517877	47.624	ng		99
72) Anthracene	17.56	178	532031	48.898	ng		99
73) Carbazole	17.84	167	470642	50.883	ng		100
74) Di-n-butylphthalate	18.36	149	565353	48.631	ng		99
75) Fluoranthene	19.48	202	752501	51.903	ng		98
77) Benzidine	19.66	184	156854	29.717	ng		99
78) Pyrene	19.84	202	755558	46.525	ng		99
80) Butylbenzylphthalate	20.70	149	268442	44.261	ng		98
81) Benzo(a)anthracene	21.68	228	748583	45.263	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	164853	28.786	ng		100
83) Chrysene	21.75	228	742724	46.395	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	372219	43.290	ng		99
85) Di-n-octyl phthalate	22.77	149	637990	43.847	ng		98
86) Indeno(1,2,3-cd)pyrene	28.77	276	907928	46.837	ng		99
88) Benzo(b)fluoranthene	23.93	252	773057	53.346	ng		100
89) Benzo(k)fluoranthene	24.01	252	751469	52.819	ng	#	98
90) Benzo(a)pyrene	24.83	252	739704	53.745	ng		98
91) Dibenzo(a,h)anthracene	28.82	278	750718	54.445	ng		100
92) Benzo(g,h,i)perylene	29.96	276	756571	55.186	ng		98

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

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