Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040474.D
Acq On : 12 Apr 2019 23:32
Operator : JU/SJ
Sample : PB118855BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118855BS

Manual Integrations APPROVED
Sohil
4/15/2019 2:24:12 PM

Quant Time: Apr 15 03:55:50 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	39498	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	153779	20.00	ng		-0.03
39) Acenaphthene-d10	14.67	164	102668	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	277627	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	328174	20.00	ng		-0.04
87) Perylene-d12	24.96	264	333783	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	314733	132.47	ng		-0.02
7) Phenol-d6	7.20	99	421388	128.33	ng		-0.02
23) Nitrobenzene-d5	9.22	82	257914	89.15	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	166979	150.49	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	606267	87.50	ng		-0.03
79) Terphenyl-d14	20.02	244	1201292	82.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	47506	42.522	ng	#	94
3) Pyridine	3.89	79	112747	37.482	ng		95
4) n-Nitrosodimethylamine	3.82	42	52499	37.731	ng	#	87
6) Aniline	7.37	93	101996	23.909	ng		98
8) 2-Chlorophenol	7.61	128	105389	37.892	ng		94
9) Benzaldehyde	7.19	77	56181	24.943	ng		98
10) Phenol	7.23	94	144934	40.665	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	104127	36.477	ng		99
12) 1,3-Dichlorobenzene	7.93	146	116783	38.626	ng		96
13) 1,4-Dichlorobenzene	8.08	146	118472	39.343	ng		95
14) 1,2-Dichlorobenzene	8.40	146	111999	38.893	ng		99
15) Benzyl Alcohol	8.29	79	91401	34.564	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	197806	36.106	ng		99
17) 2-Methylphenol	8.48	107	95455	38.705	ng		98
18) Hexachloroethane	9.12	117	41597	36.316	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	79435	33.741	ng		96
20) 3+4-Methylphenols	8.81	107	131646	39.403	ng		97
22) Acetophenone	8.88	105	157671	41.103	ng	#	97
24) Nitrobenzene	9.26	77	122947	41.038	ng		98
25) Isophorone	9.77	82	235393	39.543	ng		99
26) 2-Nitrophenol	9.97	139	56658	39.912	ng		95
27) 2,4-Dimethylphenol	10.02	122	111490	49.443	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	141791	40.261	ng		99
29) 2,4-Dichlorophenol	10.50	162	109908	44.905	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	112048	41.692	ng		95
31) Naphthalene	10.91	128	335774	42.599	ng		98
32) Benzoic acid	10.16	122	24102m	17.691	ng		
33) 4-Chloroaniline	11.03	127	89538	26.631	ng		98
34) Hexachlorobutadiene	11.17	225	65269	37.974	ng		94
35) Caprolactam	11.80	113	42169	43.416	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	128416	45.639	ng		98
37) 2-Methylnaphthalene	12.51	142	255618	43.848	ng		97
38) 1-Methylnaphthalene	12.72	142	242648	42.924	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	128111	39.260	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	132615	74.016	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	88293	41.967	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	99369	43.333	ng		98
46) 1,1'-Biphenyl	13.51	154	324979	40.061	ng		100
47) 2-Chloronaphthalene	13.56	162	255586	41.075	ng		99
48) 2-Nitroaniline	13.77	65	92578	44.108	ng		95
49) Acenaphthylene	14.40	152	437250	41.445	ng		98
50) Dimethylphthalate	14.12	163	339857	42.296	ng		98
51) 2,6-Dinitrotoluene	14.26	165	76823	42.580	ng		95
52) Acenaphthene	14.74	154	253429	41.921	ng		98
53) 3-Nitroaniline	14.59	138	61145	32.017	ng		93
54) 2,4-Dinitrophenol	14.80	184	30965	32.272	ng		91
55) Dibenzofuran	15.07	168	421066	43.346	ng		99
56) 4-Nitrophenol	14.90	139	122831	79.690	ng		99
57) 2,4-Dinitrotoluene	15.04	165	112507	44.878	ng		98
58) Fluorene	15.72	166	331151	43.359	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	98666	47.415	ng		97
60) Diethylphthalate	15.48	149	364277	44.303	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	176596	43.258	ng		98
62) 4-Nitroaniline	15.76	138	94385	46.052	ng		99
63) Azobenzene	16.00	77	342490	44.159	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	41863	26.839	ng		98
66) n-Nitrosodiphenylamine	15.93	169	321998	39.635	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	119691	38.310	ng		99
68) Hexachlorobenzene	16.71	284	123509	39.318	ng		95
69) Atrazine	16.87	200	123090	40.730	ng		97
70) Pentachlorophenol	17.07	266	102000	56.164	ng		94
71) Phenanthrene	17.47	178	608961	41.731	ng		99
72) Anthracene	17.55	178	624358	42.747	ng		100
73) Carbazole	17.83	167	607436	43.944	ng		98
74) Di-n-butylphthalate	18.36	149	717727	43.804	ng		100
75) Fluoranthene	19.47	202	809394	46.841	ng		100
77) Benzidine	19.66	184	279714	23.603	ng		97
78) Pyrene	19.83	202	820766	38.032	ng		99
80) Butylbenzylphthalate	20.70	149	372365	40.322	ng		94
81) Benzo(a)anthracene	21.67	228	795968	39.378	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	199186	25.904	ng		100
83) Chrysene	21.74	228	773959	39.840	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	537195	40.694	ng		100
85) Di-n-octyl phthalate	22.76	149	931657	41.423	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	944412	39.748	ng	#	92
88) Benzo(b)fluoranthene	23.92	252	849468	41.568	ng		99
89) Benzo(k)fluoranthene	23.99	252	830758	44.206	ng		98
90) Benzo(a)pyrene	24.81	252	840534	43.838	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	752472	42.255	ng		98
92) Benzo(g,h,i)perylene	29.90	276	770762	42.116	ng		96

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

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