Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043085.D
Acq On : 8 Oct 2019 14:49
Operator : JU
Sample : PB123704BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:46 AM

Quant Time: Oct 09 02:08:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48593	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	187933	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	140311	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	329257	20.00	ng		0.00
76) Chrysene-d12	21.69	240	362282	20.00	ng		0.00
87) Perylene-d12	24.90	264	413946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	337048	123.78	ng		0.00
7) Phenol-d6	7.23	99	459113	117.09	ng		0.00
23) Nitrobenzene-d5	9.22	82	233645	60.43	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	284005	117.71	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	606058	62.62	ng		0.00
79) Terphenyl-d14	20.03	244	1169443	68.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42175	37.151	ng		92
3) Pyridine	3.94	79	107201	33.574	ng		90
4) n-Nitrosodimethylamine	3.85	42	61584	40.107	ng	#	90
6) Aniline	7.39	93	152842	32.291	ng		95
8) 2-Chlorophenol	7.63	128	134557	47.386	ng		98
9) Benzaldehyde	7.19	77	81685	34.091	ng		85
10) Phenol	7.26	94	166815	46.370	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	114183	41.022	ng		94
12) 1,3-Dichlorobenzene	7.95	146	144294	39.834	ng		92
13) 1,4-Dichlorobenzene	8.09	146	148579	41.145	ng		96
14) 1,2-Dichlorobenzene	8.41	146	141998	41.303	ng		95
15) Benzyl Alcohol	8.30	79	120535	40.887	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	165117	30.889	ng		94
17) 2-Methylphenol	8.50	107	111156	44.159	ng		98
18) Hexachloroethane	9.14	117	53422	39.281	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	99546	38.663	ng		89
20) 3+4-Methylphenols	8.83	107	149791	43.423	ng		93
22) Acetophenone	8.87	105	193425	39.928	ng	#	97
24) Nitrobenzene	9.26	77	152417	41.327	ng		94
25) Isophorone	9.78	82	276773	40.752	ng		98
26) 2-Nitrophenol	9.97	139	75485	48.079	ng		95
27) 2,4-Dimethylphenol	10.03	122	122275	50.713	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	156406	40.589	ng		96
29) 2,4-Dichlorophenol	10.51	162	141202	47.088	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	157257	40.610	ng		97
31) Naphthalene	10.91	128	397943	43.015	ng		98
32) Benzoic acid	10.17	122	74560	41.034	ng		98
33) 4-Chloroaniline	11.03	127	47257	11.772	ng	#	93
34) Hexachlorobutadiene	11.20	225	109674	37.825	ng		97
35) Caprolactam	11.79	113	45026m	42.579	ng		
36) 4-Chloro-3-methylphenol	12.14	107	151604	46.498	ng		94
37) 2-Methylnaphthalene	12.51	142	305810	43.331	ng		96
38) 1-Methylnaphthalene	12.73	142	287071	42.987	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	196950	37.332	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	298044	88.667	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	130274	42.190	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	143911	45.242	ng		98
46) 1,1'-Biphenyl	13.52	154	409302	38.467	ng		98
47) 2-Chloronaphthalene	13.56	162	323886	40.599	ng		98
48) 2-Nitroaniline	13.76	65	104130	39.251	ng		88
49) Acenaphthylene	14.40	152	519315	42.542	ng		99
50) Dimethylphthalate	14.13	163	426838	40.601	ng	#	98
51) 2,6-Dinitrotoluene	14.24	165	98480	43.988	ng		92
52) Acenaphthene	14.74	154	313018	38.310	ng		99
53) 3-Nitroaniline	14.59	138	61710	26.672	ng		87
54) 2,4-Dinitrophenol	14.79	184	121704	87.456	ng		97
55) Dibenzofuran	15.07	168	504248	41.719	ng		99
56) 4-Nitrophenol	14.90	139	151590	85.989	ng		96
57) 2,4-Dinitrotoluene	15.03	165	140421	42.830	ng		96
58) Fluorene	15.73	166	422526	40.946	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	141805	41.869	ng		97
60) Diethylphthalate	15.49	149	422454	39.485	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	244401	39.491	ng		99
62) 4-Nitroaniline	15.74	138	95429	37.818	ng		98
63) Azobenzene	16.01	77	375436	38.543	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	89435	48.002	ng		94
66) n-Nitrosodiphenylamine	15.93	169	376867	43.358	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	172417	41.722	ng		97
68) Hexachlorobenzene	16.73	284	195529	42.495	ng		98
69) Atrazine	16.88	200	157066	42.913	ng		94
70) Pentachlorophenol	17.08	266	237106	89.304	ng		98
71) Phenanthrene	17.46	178	673505	41.899	ng		98
72) Anthracene	17.55	178	711512	44.338	ng		99
73) Carbazole	17.82	167	632896	42.530	ng		99
74) Di-n-butylphthalate	18.38	149	734578	41.373	ng		99
75) Fluoranthene	19.47	202	898114	42.242	ng		99
77) Benzidine	19.65	184	632179	69.691	ng		98
78) Pyrene	19.83	202	907348	41.962	ng		99
80) Butylbenzylphthalate	20.71	149	337410	41.109	ng		97
81) Benzo(a)anthracene	21.67	228	945804	41.899	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	243155	27.464	ng		95
83) Chrysene	21.74	228	900704	41.117	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	490786	42.023	ng		98
85) Di-n-octyl phthalate	22.79	149	821373	43.009	ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1162334	42.622	ng		99
88) Benzo(b)fluoranthene	23.89	252	969761	41.404	ng		99
89) Benzo(k)fluoranthene	23.96	252	985139	42.516	ng		98
90) Benzo(a)pyrene	24.75	252	909619	41.163	ng		100
91) Dibenzo(a,h)anthracene	28.63	278	989500	43.668	ng		98
92) Benzo(g,h,i)perylene	29.72	276	980196	44.645	ng		98

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

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