Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042813.D
Acq On : 13 Sep 2019 12:11
Operator : HP/JU
Sample : PB123017BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:51 AM

Quant Time: Sep 13 14:14:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	77903	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	310451	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	214451	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	489249	20.00	ng	0.00
76) Chrysene-d12	21.75	240	523573	20.00	ng	0.00
87) Perylene-d12	25.02	264	575836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	543330	121.25	ng	0.00
7) Phenol-d6	7.27	99	761672	118.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	435958	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	317664	111.34	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	964645	71.20	ng	0.00
79) Terphenyl-d14	20.09	244	1669315	70.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	77927	38.106	ng	96
3) Pyridine	3.98	79	203608	33.068	ng	96
4) n-Nitrosodimethylamine	3.89	42	119598	39.919	ng	100
6) Aniline	7.44	93	281059	32.390	ng	95
8) 2-Chlorophenol	7.68	128	219468	45.311	ng	97
9) Benzaldehyde	7.25	77	157372	37.601	ng	92
10) Phenol	7.29	94	295270	44.766	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	211939	41.868	ng	97
12) 1,3-Dichlorobenzene	8.01	146	232881	39.420	ng	99
13) 1,4-Dichlorobenzene	8.15	146	238012	40.241	ng	99
14) 1,2-Dichlorobenzene	8.48	146	220951	39.244	ng	97
15) Benzyl Alcohol	8.35	79	236158	42.786	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	426253	38.345	ng	98
17) 2-Methylphenol	8.55	107	197317	44.716	ng	99
18) Hexachloroethane	9.21	117	83833	38.391	ng	89
19) n-Nitroso-di-n-propylamine	8.92	70	190924	40.286	ng	97
20) 3+4-Methylphenols	8.88	107	267509	43.978	ng	96
22) Acetophenone	8.93	105	330093	42.101	ng	97
24) Nitrobenzene	9.32	77	271669	43.404	ng	97
25) Isophorone	9.84	82	518983	41.754	ng	98
26) 2-Nitrophenol	10.03	139	114855	46.665	ng	94
27) 2,4-Dimethylphenol	10.09	122	215962	49.604	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	284741	41.079	ng	99
29) 2,4-Dichlorophenol	10.57	162	226239	44.717	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	247873	40.128	ng	99
31) Naphthalene	10.98	128	641968	41.882	ng	99
32) Benzoic acid	10.20	122	139657	40.696	ng	99
33) 4-Chloroaniline	11.07	127	174208	24.316	ng	97
34) Hexachlorobutadiene	11.27	225	166906	38.566	ng	96
35) Caprolactam	11.83	113	79437m	42.222	ng	
36) 4-Chloro-3-methylphenol	12.18	107	251041	45.700	ng	94
37) 2-Methylnaphthalene	12.58	142	487829	42.486	ng	97
38) 1-Methylnaphthalene	12.79	142	450006	41.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	296715	41.871	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	395260	97.364	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	202920	43.011	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	218537	45.223	ng		97
46) 1,1'-Biphenyl	13.58	154	641447	42.726	ng		100
47) 2-Chloronaphthalene	13.62	162	502170	40.435	ng		100
48) 2-Nitroaniline	13.80	65	182192	42.290	ng		98
49) Acenaphthylene	14.46	152	808461	42.599	ng		98
50) Dimethylphthalate	14.19	163	643781	40.073	ng		99
51) 2,6-Dinitrotoluene	14.30	165	145642	44.182	ng		96
52) Acenaphthene	14.80	154	515017	41.538	ng		97
53) 3-Nitroaniline	14.62	138	108435	29.310	ng		95
54) 2,4-Dinitrophenol	14.83	184	82752	50.994	ng	#	82
55) Dibenzofuran	15.13	168	772310	41.907	ng		100
56) 4-Nitrophenol	14.92	139	245395	85.787	ng		99
57) 2,4-Dinitrotoluene	15.08	165	200250	45.575	ng		99
58) Fluorene	15.78	166	630624	41.289	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	205158	43.795	ng	#	99
60) Diethylphthalate	15.55	149	637411	39.087	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	356393	39.465	ng		97
62) 4-Nitroaniline	15.79	138	158414	39.724	ng		96
63) Azobenzene	16.07	77	646439	41.166	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	81815	39.082	ng		94
66) n-Nitrosodiphenylamine	15.98	169	566389	43.021	ng		97
67) 4-Bromophenyl-phenylether	16.67	248	239469	40.439	ng		100
68) Hexachlorobenzene	16.79	284	252161	39.851	ng		96
69) Atrazine	16.92	200	219060	47.782	ng		97
70) Pentachlorophenol	17.12	266	332825	88.666	ng		94
71) Phenanthrene	17.52	178	994571	42.507	ng		100
72) Anthracene	17.61	178	1011805	43.284	ng		99
73) Carbazole	17.87	167	961821	43.291	ng		98
74) Di-n-butylphthalate	18.44	149	1104105	41.485	ng		100
75) Fluoranthene	19.52	202	1327179	43.767	ng		99
77) Benzidine	19.69	184	634888	43.402	ng		98
78) Pyrene	19.89	202	1345452	41.046	ng		100
80) Butylbenzylphthalate	20.77	149	544329	41.032	ng		99
81) Benzo(a)anthracene	21.74	228	1349296	40.532	ng		98
82) 3,3'-Dichlorobenzidine	21.64	252	383698	29.659	ng		97
83) Chrysene	21.80	228	1316473	41.749	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	755193	41.663	ng		99
85) Di-n-octyl phthalate	22.89	149	1293953	41.874	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1622059	41.539	ng	#	92
88) Benzo(b)fluoranthene	23.99	252	1432589	42.370	ng		98
89) Benzo(k)fluoranthene	24.06	252	1355643	42.444	ng		98
90) Benzo(a)pyrene	24.87	252	1383766	43.707	ng		100
91) Dibenzo(a,h)anthracene	28.83	278	1344961	43.192	ng		98
92) Benzo(g,h,i)perylene	29.92	276	1323801	43.585	ng		98

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

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