Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042844.D
Acq On : 16 Sep 2019 11:30
Operator : HP/JU
Sample : PB123101BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123101BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:34 PM

Quant Time: Sep 17 02:10:03 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	73159	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	314540	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	234295	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	603440	20.00	ng		0.00
76) Chrysene-d12	21.76	240	608923	20.00	ng		0.00
87) Perylene-d12	25.03	264	616970	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	536029	127.38	ng		0.00
7) Phenol-d6	7.27	99	768905	127.30	ng		0.00
23) Nitrobenzene-d5	9.28	82	438210	72.53	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	390322	125.22	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1023066	69.12	ng		0.00
79) Terphenyl-d14	20.08	244	2023942	73.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	70799	36.865	ng		97
3) Pyridine	3.98	79	181032	31.308	ng		95
4) n-Nitrosodimethylamine	3.89	42	109670	38.978	ng		83
6) Aniline	7.44	93	284543	34.917	ng		97
8) 2-Chlorophenol	7.68	128	220469	48.469	ng		97
9) Benzaldehyde	7.25	77	139207	35.417	ng		96
10) Phenol	7.30	94	305615	49.339	ng		96
11) bis(2-Chloroethyl)ether	7.53	93	204948	43.112	ng		97
12) 1,3-Dichlorobenzene	8.01	146	226178	40.768	ng		97
13) 1,4-Dichlorobenzene	8.15	146	225105	40.527	ng		98
14) 1,2-Dichlorobenzene	8.48	146	215756	40.806	ng		98
15) Benzyl Alcohol	8.35	79	237249	45.771	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392054	37.555	ng		97
17) 2-Methylphenol	8.55	107	201200	48.552	ng		97
18) Hexachloroethane	9.21	117	81142	39.569	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	188781	42.417	ng		95
20) 3+4-Methylphenols	8.88	107	281982	49.363	ng		97
22) Acetophenone	8.94	105	329952	41.536	ng	#	96
24) Nitrobenzene	9.32	77	273439	43.119	ng		95
25) Isophorone	9.85	82	528780	41.989	ng		98
26) 2-Nitrophenol	10.03	139	119834	48.055	ng		94
27) 2,4-Dimethylphenol	10.09	122	227122	51.489	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	296163	42.171	ng		99
29) 2,4-Dichlorophenol	10.57	162	242847	47.376	ng		100
30) 1,2,4-Trichlorobenzene	10.79	180	246082	39.321	ng		99
31) Naphthalene	10.98	128	658125	42.378	ng		99
32) Benzoic acid	10.20	122	146572	41.942	ng		97
33) 4-Chloroaniline	11.07	127	209391	28.847	ng		98
34) Hexachlorobutadiene	11.27	225	164935	37.615	ng		95
35) Caprolactam	11.84	113	98260m	51.548	ng		
36) 4-Chloro-3-methylphenol	12.18	107	273208	49.088	ng		93
37) 2-Methylnaphthalene	12.57	142	503187	43.254	ng		98
38) 1-Methylnaphthalene	12.79	142	473531	43.400	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	306529	39.592	ng		99

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Quant Time: Sep 17 02:10:03 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)
41) Hexachlorocyclopentadiene	12.93	237	368308	83.041 ng		99
43) 2,4,6-Trichlorophenol	13.17	196	226673	43.977 ng		97
44) 2,4,5-Trichlorophenol	13.24	196	244657	46.340 ng		95
46) 1,1'-Biphenyl	13.57	154	691487	42.159 ng		98
47) 2-Chloronaphthalene	13.62	162	539867	39.789 ng		98
48) 2-Nitroaniline	13.81	65	211051	44.840 ng		97
49) Acenaphthylene	14.46	152	889114	42.881 ng		99
50) Dimethylphthalate	14.19	163	745035	42.448 ng		100
51) 2,6-Dinitrotoluene	14.30	165	170678	47.392 ng		91
52) Acenaphthene	14.80	154	636996	47.025 ng		97
53) 3-Nitroaniline	14.62	138	135565	33.539 ng	#	98
54) 2,4-Dinitrophenol	14.83	184	190399	107.392 ng	#	72
55) Dibenzofuran	15.13	168	868231	43.122 ng		98
56) 4-Nitrophenol	14.93	139	323335	103.461 ng		94
57) 2,4-Dinitrotoluene	15.09	165	246584	51.367 ng	#	93
58) Fluorene	15.78	166	731459	43.835 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246850m	48.232 ng		
60) Diethylphthalate	15.55	149	780492	43.808 ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	418883	42.456 ng		97
62) 4-Nitroaniline	15.79	138	209263	48.031 ng		95
63) Azobenzene	16.07	77	748505	43.628 ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	141630	54.852 ng		93
66) n-Nitrosodiphenylamine	15.99	169	674448	41.535 ng		99
67) 4-Bromophenyl-phenylether	16.67	248	287704	39.391 ng		98
68) Hexachlorobenzene	16.79	284	297960	38.178 ng		98
69) Atrazine	16.93	200	280334	49.576 ng		98
70) Pentachlorophenol	17.13	266	428497	92.552 ng		95
71) Phenanthrene	17.52	178	1227489	42.534 ng		99
72) Anthracene	17.61	178	1247470	43.267 ng		98
73) Carbazole	17.87	167	1214834	44.332 ng		97
74) Di-n-butylphthalate	18.44	149	1390811	42.369 ng		99
75) Fluoranthene	19.52	202	1628826	43.549 ng		98
77) Benzidine	19.69	184	636974	37.441 ng		98
78) Pyrene	19.89	202	1633177	42.840 ng		97
80) Butylbenzylphthalate	20.77	149	649807	42.117 ng		97
81) Benzo(a)anthracene	21.74	228	1602778	41.398 ng		97
82) 3,3'-Dichlorobenzidine	21.64	252	502614	33.406 ng		100
83) Chrysene	21.81	228	1544594	42.118 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	885027	41.982 ng		98
85) Di-n-octyl phthalate	22.89	149	1505347	41.887 ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1867306	41.117 ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1670788	46.120 ng		99
89) Benzo(k)fluoranthene	24.06	252	1577780	46.106 ng		98
90) Benzo(a)pyrene	24.88	252	1601829	47.221 ng		98
91) Dibenzo(a,h)anthracene	28.84	278	1567901	46.994 ng		100
92) Benzo(g,h,i)perylene	29.94	276	1534199	47.144 ng		99

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

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