Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115723.D
Acq On : 23 Jul 2019 17:02
Operator : HP/JU
Sample : PB121645BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Manual Integrations APPROVED
mohammad
7/24/2019 11:34:57 AM

Quant Time: Jul 24 05:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181984	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	761817	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	387008	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	719822	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	495498	20.00	ng		-0.01
87) Perylene-d12	15.51	264	345841	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1241876	111.62	ng		0.00
7) Phenol-d6	6.51	99	1615420	114.43	ng		0.00
23) Nitrobenzene-d5	7.43	82	1024989	78.23	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	480854	106.45	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1876840	84.88	ng		-0.02
79) Terphenyl-d14	12.98	244	1955556	72.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	202277	36.448	ng		97
3) Pyridine	3.49	79	444977	29.553	ng		97
4) n-Nitrosodimethylamine	3.43	42	213804	39.142	ng		94
6) Aniline	6.53	93	480049	24.435	ng		97
8) 2-Chlorophenol	6.66	128	501260	39.187	ng		99
9) Benzaldehyde	6.42	77	184095	20.868	ng		97
10) Phenol	6.52	94	628280	38.337	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	487158	39.044	ng		100
12) 1,3-Dichlorobenzene	6.82	146	517490	35.983	ng		99
13) 1,4-Dichlorobenzene	6.89	146	527778	36.781	ng		97
14) 1,2-Dichlorobenzene	7.05	146	492725	37.563	ng		97
15) Benzyl Alcohol	7.02	79	420800	37.575	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	669321	40.746	ng		100
17) 2-Methylphenol	7.13	107	456695	41.429	ng		98
18) Hexachloroethane	7.39	117	195467	36.700	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	354841	38.540	ng		96
20) 3+4-Methylphenols	7.28	107	520676	39.765	ng		91
22) Acetophenone	7.28	105	693102	40.272	ng	#	99
24) Nitrobenzene	7.45	77	564866	39.973	ng		94
25) Isophorone	7.69	82	1042211	39.754	ng		98
26) 2-Nitrophenol	7.77	139	292528	40.218	ng		97
27) 2,4-Dimethylphenol	7.81	122	476525	43.786	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	639226	39.745	ng		99
29) 2,4-Dichlorophenol	8.02	162	459321	40.582	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	486668	38.039	ng		97
31) Naphthalene	8.17	128	1486986	40.303	ng		97
32) Benzoic acid	7.95	122	338253	37.872	ng		98
33) 4-Chloroaniline	8.22	127	407789	24.953	ng		98
34) Hexachlorobutadiene	8.30	225	275630	37.568	ng		99
35) Caprolactam	8.59	113	138659m	39.645	ng		
36) 4-Chloro-3-methylphenol	8.71	107	476608	40.595	ng		98
37) 2-Methylnaphthalene	8.87	142	1011773	41.370	ng		98
38) 1-Methylnaphthalene	8.97	142	950693	40.926	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	462217	39.661	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	9.03	237	314864	47.362 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	319569	37.497 ng	98
44) 2,4,5-Trichlorophenol	9.20	196	337119	38.625 ng	99
46) 1,1'-Biphenyl	9.33	154	1228176	40.593 ng	99
47) 2-Chloronaphthalene	9.36	162	968436	38.441 ng	98
48) 2-Nitroaniline	9.45	65	296311	38.001 ng	99
49) Acenaphthylene	9.77	152	1447110	38.766 ng	98
50) Dimethylphthalate	9.63	163	1126412	38.685 ng	99
51) 2,6-Dinitrotoluene	9.69	165	256514	38.765 ng	95
52) Acenaphthene	9.95	154	884796	36.713 ng	100
53) 3-Nitroaniline	9.86	138	199839	26.428 ng	96
54) 2,4-Dinitrophenol	9.97	184	262307	77.210 ng	99
55) Dibenzofuran	10.12	168	1311289	38.313 ng	99
56) 4-Nitrophenol	10.03	139	403871	70.041 ng	95
57) 2,4-Dinitrotoluene	10.10	165	339015	39.545 ng	97
58) Fluorene	10.46	166	972815	39.760 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	290529	39.819 ng	98
60) Diethylphthalate	10.33	149	1082518	39.679 ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	504930	37.214 ng	98
62) 4-Nitroaniline	10.48	138	252510	34.813 ng	98
63) Azobenzene	10.61	77	1087474	41.095 ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	172787	39.289 ng	91
66) n-Nitrosodiphenylamine	10.57	169	903521	40.352 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	316826	38.516 ng	99
68) Hexachlorobenzene	11.02	284	352848	37.561 ng	96
69) Atrazine	11.09	200	239228	32.568 ng	98
70) Pentachlorophenol	11.21	266	392470	68.309 ng	99
71) Phenanthrene	11.42	178	1451692	39.344 ng	98
72) Anthracene	11.47	178	1472091	38.605 ng	100
73) Carbazole	11.63	167	1318172	39.420 ng	99
74) Di-n-butylphthalate	11.96	149	1638697	39.785 ng	99
75) Fluoranthene	12.61	202	1509191	38.706 ng	98
77) Benzidine	12.72	184	275924	15.719 ng	100
78) Pyrene	12.84	202	1533757	36.535 ng	99
80) Butylbenzylphthalate	13.45	149	698752	39.045 ng	98
81) Benzo(a)anthracene	14.03	228	1258012	38.538 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	388860	33.509 ng	96
83) Chrysene	14.06	228	1249972	38.144 ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	958630	43.245 ng	99
85) Di-n-octyl phthalate	14.63	149	1524104	43.212 ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1056834	37.960 ng	99
88) Benzo(b)fluoranthene	15.08	252	1200165	53.893 ng	100
89) Benzo(k)fluoranthene	15.11	252	1002448	50.490 ng	99
90) Benzo(a)pyrene	15.45	252	1008283	52.679 ng	100
91) Dibenzo(a,h)anthracene	17.00	278	892486	53.114 ng	98
92) Benzo(g,h,i)perylene	17.44	276	896075	53.471 ng	99

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

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