Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115720.D
Acq On : 23 Jul 2019 15:43
Operator : HP/JU
Sample : PB121635BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Manual Integrations APPROVED
mohammad
7/24/2019 11:34:52 AM

Quant Time: Jul 24 05:18:19 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	130544	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	560275	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	300872	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	627115	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	501854	20.00	ng		-0.01
87) Perylene-d12	15.51	264	393338	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	949219	118.94	ng		0.00
7) Phenol-d6	6.51	99	1241232	122.57	ng		0.00
23) Nitrobenzene-d5	7.43	82	759054	78.78	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	405628	115.50	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1400418	81.47	ng		-0.02
79) Terphenyl-d14	12.98	244	1833575	67.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	143672	36.089	ng		96
3) Pyridine	3.43	79	319737	29.603	ng		97
4) n-Nitrosodimethylamine	3.36	42	155091	39.581	ng		92
6) Aniline	6.53	93	380477	26.998	ng		96
8) 2-Chlorophenol	6.66	128	380789	41.499	ng		100
9) Benzaldehyde	6.42	77	135555	21.420	ng		99
10) Phenol	6.52	94	486848	41.413	ng		86
11) bis(2-Chloroethyl)ether	6.61	93	356259	39.804	ng		98
12) 1,3-Dichlorobenzene	6.82	146	377661	36.607	ng		98
13) 1,4-Dichlorobenzene	6.89	146	386057	37.506	ng		96
14) 1,2-Dichlorobenzene	7.05	146	363947	38.679	ng		97
15) Benzyl Alcohol	7.02	79	321740	40.050	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	477280	40.504	ng		99
17) 2-Methylphenol	7.13	107	338994	42.870	ng		98
18) Hexachloroethane	7.39	117	137873	36.087	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	255101	38.625	ng		98
20) 3+4-Methylphenols	7.28	107	402596	42.863	ng	#	84
22) Acetophenone	7.28	105	512500	40.490	ng	#	98
24) Nitrobenzene	7.45	77	419683	40.382	ng		94
25) Isophorone	7.69	82	757131	39.269	ng		98
26) 2-Nitrophenol	7.77	139	211561	39.549	ng		96
27) 2,4-Dimethylphenol	7.80	122	346880	43.339	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	461811	39.043	ng		98
29) 2,4-Dichlorophenol	8.02	162	345224	41.473	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	350875	37.290	ng		98
31) Naphthalene	8.18	128	1088650	40.121	ng		97
32) Benzoic acid	7.93	122	274500	41.790	ng		99
33) 4-Chloroaniline	8.22	127	331523	27.583	ng		98
34) Hexachlorobutadiene	8.30	225	194640	36.072	ng		99
35) Caprolactam	8.59	113	119148m	46.321	ng		
36) 4-Chloro-3-methylphenol	8.71	107	373950	43.309	ng		96
37) 2-Methylnaphthalene	8.87	142	751250	41.768	ng		97
38) 1-Methylnaphthalene	8.97	142	704240	41.222	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	345413	38.124	ng		98

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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)
41) Hexachlorocyclopentadiene	9.03	237	207287	40.107	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	244461	36.896	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	271569	40.022	ng		96
46) 1,1'-Biphenyl	9.33	154	924291	39.295	ng		98
47) 2-Chloronaphthalene	9.36	162	745266	38.052	ng		96
48) 2-Nitroaniline	9.45	65	242179	39.950	ng		99
49) Acenaphthylene	9.77	152	1139583	39.268	ng		98
50) Dimethylphthalate	9.63	163	890639	39.345	ng		99
51) 2,6-Dinitrotoluene	9.69	165	206973	40.233	ng		99
52) Acenaphthene	9.95	154	701634	37.448	ng		99
53) 3-Nitroaniline	9.86	138	186106	31.658	ng		96
54) 2,4-Dinitrophenol	9.97	184	218091	82.573	ng		94
55) Dibenzofuran	10.12	168	1059722	39.827	ng		100
56) 4-Nitrophenol	10.03	139	370432	82.633	ng		96
57) 2,4-Dinitrotoluene	10.10	165	283094	42.476	ng		98
58) Fluorene	10.46	166	806986	42.425	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	237309	41.837	ng		99
60) Diethylphthalate	10.33	149	875998	41.302	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	407016	38.585	ng		100
62) 4-Nitroaniline	10.47	138	236573	41.953	ng		94
63) Azobenzene	10.61	77	885143	43.025	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	147479	38.492	ng		99
66) n-Nitrosodiphenylamine	10.57	169	751465	38.522	ng		97
67) 4-Bromophenyl-phenylether	10.94	248	258217	36.031	ng		99
68) Hexachlorobenzene	11.02	284	296806	36.266	ng		97
69) Atrazine	11.09	200	202843	31.697	ng		99
70) Pentachlorophenol	11.20	266	348324	69.587	ng		99
71) Phenanthrene	11.42	178	1272370	39.582	ng		98
72) Anthracene	11.47	178	1296220	39.018	ng		100
73) Carbazole	11.63	167	1212861	41.633	ng		98
74) Di-n-butylphthalate	11.96	149	1423320	39.664	ng		99
75) Fluoranthene	12.61	202	1410647	41.527	ng		97
77) Benzidine	12.72	184	309619	17.416	ng		99
78) Pyrene	12.84	202	1446192	34.013	ng		98
80) Butylbenzylphthalate	13.45	149	652415	35.994	ng		99
81) Benzo(a)anthracene	14.03	228	1274030	38.534	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	396360	33.723	ng		96
83) Chrysene	14.07	228	1243997	37.481	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	882616	39.312	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1488149	41.658	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1145055	40.608	ng		99
88) Benzo(b)fluoranthene	15.09	252	1268432	50.081	ng		99
89) Benzo(k)fluoranthene	15.12	252	1150909	50.968	ng		98
90) Benzo(a)pyrene	15.45	252	1132394	52.019	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	950630	49.742	ng		99
92) Benzo(g,h,i)perylene	17.44	276	971301	50.961	ng		99

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

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