Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114608.D
Acq On : 25 May 2019 17:12
Operator : JU/SJ
Sample : PB119859BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:49:57 AM

Quant Time: May 27 00:41:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162460	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	622067	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	302890	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	599705	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	406688	20.00	ng		-0.01
87) Perylene-d12	15.43	264	417803	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1268573	125.66	ng		0.00
7) Phenol-d6	6.46	99	1600789	134.07	ng		0.00
23) Nitrobenzene-d5	7.37	82	989135	89.24	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	403327	128.80	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1806742	90.23	ng		-0.01
79) Terphenyl-d14	12.91	244	1805029	91.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	239843	43.223	ng		99
3) Pyridine	3.35	79	473714	30.985	ng		98
4) n-Nitrosodimethylamine	3.30	42	254798	34.560	ng		99
6) Aniline	6.47	93	506111	29.344	ng	#	37
8) 2-Chlorophenol	6.59	128	467460	43.374	ng		96
9) Benzaldehyde	6.35	77	226442	27.090	ng		97
10) Phenol	6.47	94	565884	40.288	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	445057	41.737	ng		98
12) 1,3-Dichlorobenzene	6.74	146	494479	40.874	ng		98
13) 1,4-Dichlorobenzene	6.82	146	505449	41.463	ng		98
14) 1,2-Dichlorobenzene	6.97	146	463949	41.657	ng		98
15) Benzyl Alcohol	6.95	79	368194	39.538	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	802674	38.822	ng		57
17) 2-Methylphenol	7.07	107	369380	41.723	ng	#	91
18) Hexachloroethane	7.31	117	184743	40.374	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	319067	42.159	ng		98
20) 3+4-Methylphenols	7.22	107	483982	47.316	ng	#	72
22) Acetophenone	7.21	105	629984	45.715	ng	#	89
24) Nitrobenzene	7.39	77	493307	43.695	ng		97
25) Isophorone	7.63	82	913704	44.446	ng		99
26) 2-Nitrophenol	7.70	139	253114	46.211	ng		98
27) 2,4-Dimethylphenol	7.75	122	419879	48.808	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	573691	43.010	ng		99
29) 2,4-Dichlorophenol	7.95	162	393715	45.962	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	419486	43.065	ng		98
31) Naphthalene	8.10	128	1331231	45.813	ng		99
32) Benzoic acid	7.90	122	229345	38.941	ng		99
33) 4-Chloroaniline	8.16	127	420721	31.773	ng		98
34) Hexachlorobutadiene	8.22	225	234186	42.253	ng		99
35) Caprolactam	8.53	113	129089m	46.215	ng		
36) 4-Chloro-3-methylphenol	8.66	107	412850	47.880	ng		99
37) 2-Methylnaphthalene	8.80	142	900882	48.053	ng		97
38) 1-Methylnaphthalene	8.90	142	850242	48.158	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	413602	45.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	201825	48.987	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	261163	41.382	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	265424	41.010	ng		96
46) 1,1'-Biphenyl	9.26	154	1111671	45.431	ng		97
47) 2-Chloronaphthalene	9.29	162	844541	42.886	ng		99
48) 2-Nitroaniline	9.39	65	282626	40.468	ng		92
49) Acenaphthylene	9.70	152	1331877	44.468	ng		98
50) Dimethylphthalate	9.56	163	974224	43.815	ng		100
51) 2,6-Dinitrotoluene	9.63	165	215930	43.784	ng		87
52) Acenaphthene	9.87	154	783762	42.643	ng		98
53) 3-Nitroaniline	9.80	138	188658	30.817	ng		99
54) 2,4-Dinitrophenol	9.93	184	185357	75.189	ng		94
55) Dibenzofuran	10.05	168	1129250	41.900	ng		100
56) 4-Nitrophenol	9.99	139	209399	48.367	ng		99
57) 2,4-Dinitrotoluene	10.05	165	262223	39.174	ng	#	79
58) Fluorene	10.39	166	943859	45.340	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225378	40.358	ng		98
60) Diethylphthalate	10.26	149	974348	43.128	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	452979	44.304	ng		96
62) 4-Nitroaniline	10.42	138	234183	36.403	ng		96
63) Azobenzene	10.54	77	929517	42.506	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	127870	44.374	ng		98
66) n-Nitrosodiphenylamine	10.50	169	836477	45.957	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	283653	42.958	ng		95
68) Hexachlorobenzene	10.95	284	304380	41.669	ng		95
69) Atrazine	11.03	200	243646	43.016	ng		99
70) Pentachlorophenol	11.15	266	203907	58.886	ng		99
71) Phenanthrene	11.35	178	1314379	45.049	ng		99
72) Anthracene	11.40	178	1355675	46.261	ng		99
73) Carbazole	11.56	167	1251942	44.800	ng		98
74) Di-n-butylphthalate	11.88	149	1498224	46.536	ng		100
75) Fluoranthene	12.54	202	1382370	43.998	ng		98
77) Benzidine	12.66	184	801336	43.895	ng		97
78) Pyrene	12.77	202	1399335	42.772	ng		99
80) Butylbenzylphthalate	13.37	149	641368	46.576	ng		99
81) Benzo(a)anthracene	13.96	228	1170649	44.504	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	366998	35.965	ng		99
83) Chrysene	14.00	228	1143279	44.338	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	870164	48.316	ng		99
85) Di-n-octyl phthalate	14.54	149	1450029	49.666	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1074922	47.169	ng		99
88) Benzo(b)fluoranthene	15.01	252	1174094	43.864	ng		98
89) Benzo(k)fluoranthene	15.04	252	1107409	45.039	ng		98
90) Benzo(a)pyrene	15.37	252	1104509	46.887	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	892275	45.583	ng		99
92) Benzo(g,h,i)perylene	17.33	276	914883	46.637	ng		99

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

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