Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115388.D
Acq On : 5 Jul 2019 10:41
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/8/2019 2:12:46 PM

Quant Time: Jul 05 12:27:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 11:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	155605	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	646103	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	326649	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	607927	20.00	ng	0.00
76) Chrysene-d12	14.06	240	427587	20.00	ng	-0.01
87) Perylene-d12	15.54	264	401704	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1179428	116.97	ng	0.00
7) Phenol-d6	6.53	99	1500916	122.64	ng	0.00
23) Nitrobenzene-d5	7.46	82	1357473	129.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	420518	122.08	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2161415	112.40	ng	0.00
79) Terphenyl-d14	13.00	244	2397140	119.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	293489	61.672	ng	100
3) Pyridine	3.46	79	811422	60.495	ng	98
4) n-Nitrosodimethylamine	3.42	42	329202	62.607	ng	97
6) Aniline	6.56	93	1080994	64.266	ng	98
8) 2-Chlorophenol	6.69	128	670128	59.103	ng	98
9) Benzaldehyde	6.45	77	410801	51.448	ng	99
10) Phenol	6.54	94	907415	63.295	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	674864	63.860	ng	98
12) 1,3-Dichlorobenzene	6.84	146	728110	57.863	ng	98
13) 1,4-Dichlorobenzene	6.92	146	734743	58.228	ng	98
14) 1,2-Dichlorobenzene	7.07	146	672900	57.585	ng	98
15) Benzyl Alcohol	7.04	79	615349	69.047	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	937720	61.180	ng	100
17) 2-Methylphenol	7.15	107	577334	61.688	ng	99
18) Hexachloroethane	7.42	117	277707	61.046	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	513539	65.540	ng	100
20) 3+4-Methylphenols	7.30	107	661053	61.171	ng	91
22) Acetophenone	7.31	105	901609	60.955	ng	98
24) Nitrobenzene	7.48	77	755123	65.260	ng	98
25) Isophorone	7.72	82	1417516	65.882	ng	99
26) 2-Nitrophenol	7.79	139	335329	58.682	ng	98
27) 2,4-Dimethylphenol	7.83	122	573896	61.340	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	874302	64.291	ng	100
29) 2,4-Dichlorophenol	8.03	162	575825	59.638	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	637964	59.818	ng	100
31) Naphthalene	8.20	128	1860792	58.671	ng	99
32) Benzoic acid	7.97	122	395619	59.238	ng	97
33) 4-Chloroaniline	8.25	127	840501	57.987	ng	98
34) Hexachlorobutadiene	8.33	225	361821	61.908	ng	99
35) Caprolactam	8.63	113	183019m	56.380	ng	
36) 4-Chloro-3-methylphenol	8.73	107	599078	61.267	ng	98
37) 2-Methylnaphthalene	8.89	142	1248327	58.376	ng	99
38) 1-Methylnaphthalene	8.99	142	1191498	58.340	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	539905	58.491	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	329555	60.211	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	404232	56.724	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	426544	58.122	ng		98
46) 1,1'-Biphenyl	9.36	154	1478881	56.583	ng		99
47) 2-Chloronaphthalene	9.39	162	1233521	58.183	ng		99
48) 2-Nitroaniline	9.47	65	387356	62.670	ng		91
49) Acenaphthylene	9.80	152	1835898	55.580	ng		100
50) Dimethylphthalate	9.66	163	1391927	57.919	ng		99
51) 2,6-Dinitrotoluene	9.72	165	319168	57.525	ng		96
52) Acenaphthene	9.97	154	1159633	56.104	ng		99
53) 3-Nitroaniline	9.89	138	365162	53.932	ng		99
54) 2,4-Dinitrophenol	9.98	184	127301	52.013	ng	#	31
55) Dibenzofuran	10.15	168	1625347	54.788	ng		97
56) 4-Nitrophenol	10.03	139	288511	53.151	ng		97
57) 2,4-Dinitrotoluene	10.12	165	421842	58.883	ng		91
58) Fluorene	10.49	166	1173141	53.131	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	362475	58.904	ng		100
60) Diethylphthalate	10.36	149	1385096	57.336	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	599059	56.893	ng		98
62) 4-Nitroaniline	10.50	138	362365	53.349	ng		99
63) Azobenzene	10.63	77	1413329	62.637	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	182117	60.154	ng		96
66) n-Nitrosodiphenylamine	10.59	169	1140904	60.238	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	413369	62.716	ng		99
68) Hexachlorobenzene	11.03	284	455575	63.678	ng		97
69) Atrazine	11.12	200	350815	57.581	ng		99
70) Pentachlorophenol	11.22	266	287678	63.118	ng		99
71) Phenanthrene	11.44	178	1854021	56.643	ng		99
72) Anthracene	11.50	178	1853143	56.087	ng		100
73) Carbazole	11.64	167	1702160	57.693	ng		99
74) Di-n-butylphthalate	11.98	149	2071797	60.768	ng		99
75) Fluoranthene	12.63	202	1928798	59.061	ng		99
77) Benzidine	12.74	184	951931	50.137	ng		96
78) Pyrene	12.86	202	1966177	59.834	ng		100
80) Butylbenzylphthalate	13.47	149	888696	61.283	ng		98
81) Benzo(a)anthracene	14.05	228	1568893	51.136	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	575862	51.976	ng		99
83) Chrysene	14.09	228	1669451	59.402	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1040514	54.759	ng		99
85) Di-n-octyl phthalate	14.67	149	1924295	60.273	ng		100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1332777	40.077	ng	#	100
88) Benzo(b)fluoranthene	15.12	252	1533368	61.175	ng		99
89) Benzo(k)fluoranthene	15.14	252	1448132	64.424	ng		99
90) Benzo(a)pyrene	15.49	252	1357645	60.095	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	1104018	52.346	ng		99
92) Benzo(g,h,i)perylene	17.47	276	1036334	48.549	ng		99

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

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