Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113812.D
Acq On : 18 Apr 2019 9:33
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:32 AM

Quant Time: Apr 18 13:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 12:50:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	185915	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	722834	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	370993	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	707804	20.00	ng		0.00
76) Chrysene-d12	14.04	240	531849	20.00	ng		0.00
87) Perylene-d12	15.51	264	402551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1099928	100.89	ng		0.00
7) Phenol-d6	6.52	99	1360911	101.28	ng		0.00
23) Nitrobenzene-d5	7.46	82	1214791	98.44	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	411593	92.36	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2198306	95.39	ng		0.00
79) Terphenyl-d14	13.00	244	2517537	96.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	274293	53.119	ng		99
3) Pyridine	3.46	79	757664	56.067	ng		98
4) n-Nitrosodimethylamine	3.41	42	265177	46.185	ng		100
6) Aniline	6.56	93	972799	59.725	ng		99
8) 2-Chlorophenol	6.68	128	622612	49.358	ng		97
9) Benzaldehyde	6.45	77	368257	46.090	ng		95
10) Phenol	6.53	94	758979m	49.454	ng		
11) bis(2-Chloroethyl)ether	6.63	93	627585	52.569	ng		99
12) 1,3-Dichlorobenzene	6.84	146	685810	50.485	ng		98
13) 1,4-Dichlorobenzene	6.92	146	687295	50.067	ng		99
14) 1,2-Dichlorobenzene	7.07	146	636174	51.342	ng		99
15) Benzyl Alcohol	7.03	79	562140	61.870	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	762147	41.015	ng		98
17) 2-Methylphenol	7.14	107	503177	51.473	ng		99
18) Hexachloroethane	7.42	117	249384	49.910	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	452321	54.587	ng		97
20) 3+4-Methylphenols	7.29	107	605295	51.103	ng		97
22) Acetophenone	7.30	105	810935	51.080	ng	#	97
24) Nitrobenzene	7.47	77	676290	53.216	ng		99
25) Isophorone	7.72	82	1212220	50.994	ng		99
26) 2-Nitrophenol	7.79	139	279794	40.907	ng		97
27) 2,4-Dimethylphenol	7.83	122	504921	51.638	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	779035	51.835	ng		99
29) 2,4-Dichlorophenol	8.03	162	541373	51.747	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	597451	52.587	ng		97
31) Naphthalene	8.20	128	1693019	48.340	ng		99
32) Benzoic acid	7.95	122	326478m	43.118	ng		
33) 4-Chloroaniline	8.25	127	719429	51.805	ng		97
34) Hexachlorobutadiene	8.32	225	365743	52.803	ng		98
35) Caprolactam	8.62	113	174871m	52.656	ng		
36) 4-Chloro-3-methylphenol	8.72	107	532009	50.657	ng		98
37) 2-Methylnaphthalene	8.89	142	1126509	48.905	ng		99
38) 1-Methylnaphthalene	8.99	142	1091812	49.156	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	584336	48.702	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	326531	91.613	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	381916	50.427	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	407189	50.079	ng		99
46) 1,1'-Biphenyl	9.36	154	1377106	44.983	ng		98
47) 2-Chloronaphthalene	9.38	162	1134166	48.931	ng		99
48) 2-Nitroaniline	9.47	65	310300	43.750	ng		89
49) Acenaphthylene	9.79	152	1753452	46.521	ng		99
50) Dimethylphthalate	9.66	163	1276594	46.681	ng		99
51) 2,6-Dinitrotoluene	9.71	165	292983	48.603	ng		95
52) Acenaphthene	9.97	154	1032964	47.876	ng		99
53) 3-Nitroaniline	9.87	138	313248	45.706	ng		98
54) 2,4-Dinitrophenol	9.97	184	92694	32.868	ng	#	38
55) Dibenzofuran	10.14	168	1549585	48.961	ng		99
56) 4-Nitrophenol	10.02	139	253196	59.555	ng		91
57) 2,4-Dinitrotoluene	10.11	165	368586	50.557	ng		93
58) Fluorene	10.48	166	1142302	45.633	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	350671	49.825	ng		99
60) Diethylphthalate	10.35	149	1230252	46.660	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	591147	48.012	ng		99
62) 4-Nitroaniline	10.49	138	293852	42.164	ng		99
63) Azobenzene	10.63	77	1256296	50.322	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	143069	38.395	ng		86
66) n-Nitrosodiphenylamine	10.59	169	1059214	48.746	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	409749	51.617	ng		97
68) Hexachlorobenzene	11.03	284	455234	50.048	ng		97
69) Atrazine	11.11	200	331551	48.409	ng		98
70) Pentachlorophenol	11.22	266	264429	61.695	ng		98
71) Phenanthrene	11.44	178	1776124	50.499	ng		99
72) Anthracene	11.49	178	1775031	49.604	ng		99
73) Carbazole	11.64	167	1610065	48.107	ng		99
74) Di-n-butylphthalate	11.97	149	1825036	45.840	ng		99
75) Fluoranthene	12.62	202	1857606	49.288	ng		98
77) Benzidine	12.73	184	725834	36.700	ng		98
78) Pyrene	12.85	202	1881820	46.502	ng		99
80) Butylbenzylphthalate	13.47	149	706343	42.879	ng		100
81) Benzo(a)anthracene	14.04	228	1526861	49.767	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	550020	46.545	ng	#	99
83) Chrysene	14.07	228	1544517	49.662	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	825318	41.439	ng		99
85) Di-n-octyl phthalate	14.64	149	1276552	39.431	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1249854	43.526	ng		100
88) Benzo(b)fluoranthene	15.09	252	1264556	51.319	ng		99
89) Benzo(k)fluoranthene	15.12	252	1159832	52.446	ng		100
90) Benzo(a)pyrene	15.45	252	1113203	50.840	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1029031	50.255	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1060247	50.730	ng		99

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

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