Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114765.D
Acq On : 1 Jun 2019 19:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/3/2019 8:51:42 AM

Quant Time: Jun 03 04:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	279620	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1046008	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	458690	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	831553	20.00	ng		0.00
76) Chrysene-d12	13.82	240	637564	20.00	ng		0.00
87) Perylene-d12	15.20	264	641931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1323961	83.13	ng		0.00
7) Phenol-d6	6.33	99	1546886	80.60	ng		0.00
23) Nitrobenzene-d5	7.26	82	1409873	84.09	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	352123	80.57	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2415543	102.15	ng		0.00
79) Terphenyl-d14	12.78	244	2472037	72.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	315448	41.274	ng		96
3) Pyridine	3.01	79	884741	39.776	ng		96
4) n-Nitrosodimethylamine	2.95	42	317165	35.236	ng		93
6) Aniline	6.36	93	1117242	38.540	ng		97
8) 2-Chlorophenol	6.48	128	764348	41.557	ng		99
9) Benzaldehyde	6.24	77	458490	43.887	ng		95
10) Phenol	6.35	94	921518	39.748	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	688960	38.851	ng		98
12) 1,3-Dichlorobenzene	6.64	146	882363	42.108	ng		99
13) 1,4-Dichlorobenzene	6.72	146	895234	42.586	ng		99
14) 1,2-Dichlorobenzene	6.87	146	825603	43.138	ng		100
15) Benzyl Alcohol	6.84	79	601443	39.841	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	968735	35.616	ng		100
17) 2-Methylphenol	6.96	107	602325	38.719	ng		99
18) Hexachloroethane	7.21	117	269761	33.893	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	469188	35.418	ng		98
20) 3+4-Methylphenols	7.11	107	705459	38.557	ng		94
22) Acetophenone	7.10	105	954479	42.826	ng	#	98
24) Nitrobenzene	7.27	77	740040	41.553	ng		97
25) Isophorone	7.52	82	1264340	37.577	ng		98
26) 2-Nitrophenol	7.59	139	314271	36.252	ng		99
27) 2,4-Dimethylphenol	7.64	122	585839	40.633	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	855210	39.928	ng		99
29) 2,4-Dichlorophenol	7.83	162	597216	40.695	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	706512	42.256	ng		99
31) Naphthalene	8.00	128	2009846	41.715	ng		98
32) Benzoic acid	7.72	122	253092m	27.026	ng		
33) 4-Chloroaniline	8.05	127	905455	39.445	ng		99
34) Hexachlorobutadiene	8.13	225	398870	42.944	ng		99
35) Caprolactam	8.41	113	185884	37.533	ng		87
36) 4-Chloro-3-methylphenol	8.53	107	566348	38.482	ng		98
37) 2-Methylnaphthalene	8.69	142	1312677	41.005	ng		100
38) 1-Methylnaphthalene	8.79	142	1222941	40.321	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	597007	48.874	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	52790	6.540	ng		97
43) 2,4,6-Trichlorophenol	8.96	196	394168	41.010	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	401408	41.852	ng		97
46) 1,1'-Biphenyl	9.15	154	1529697	44.926	ng		98
47) 2-Chloronaphthalene	9.17	162	1246184	44.618	ng		99
48) 2-Nitroaniline	9.26	65	374487	43.448	ng		97
49) Acenaphthylene	9.59	152	1830690	42.427	ng		98
50) Dimethylphthalate	9.45	163	1424203	44.559	ng		99
51) 2,6-Dinitrotoluene	9.50	165	287741	38.743	ng		92
52) Acenaphthene	9.76	154	1080628	40.837	ng		100
53) 3-Nitroaniline	9.67	138	401223	44.141	ng		99
54) 2,4-Dinitrophenol	9.77	184	6889	2.352	ng	#	62
55) Dibenzofuran	9.93	168	1569424	41.665	ng		97
56) 4-Nitrophenol	9.83	139	237634	35.278	ng		96
57) 2,4-Dinitrotoluene	9.90	165	350829	36.807	ng		93
58) Fluorene	10.27	166	1111690	44.505	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	305669	38.935	ng		98
60) Diethylphthalate	10.15	149	1350731	41.377	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	579062	46.507	ng		98
62) 4-Nitroaniline	10.27	138	375899	42.439	ng		98
63) Azobenzene	10.42	77	1155672	38.559	ng		97
65) 4,6-Dinitro-2-methylphenol	10.31	198	15246	4.135	ng		92
66) n-Nitrosodiphenylamine	10.38	169	1060366	43.160	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	369339	41.418	ng		99
68) Hexachlorobenzene	10.82	284	402181	41.640	ng		98
69) Atrazine	10.90	200	303895	38.094	ng		99
70) Pentachlorophenol	11.00	266	268975	48.311	ng		98
71) Phenanthrene	11.22	178	1720781	40.566	ng		98
72) Anthracene	11.27	178	1742068	40.577	ng		98
73) Carbazole	11.42	167	1588481	42.100	ng		98
74) Di-n-butylphthalate	11.77	149	1945074	41.992	ng		98
75) Fluoranthene	12.40	202	1820169	41.439	ng		97
77) Benzidine	12.53	184	1109141	42.247	ng		100
78) Pyrene	12.63	202	1879820	34.855	ng		99
80) Butylbenzylphthalate	13.26	149	878627	32.416	ng		97
81) Benzo(a)anthracene	13.81	228	1829675	37.345	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	772472	40.826	ng		98
83) Chrysene	13.84	228	1751492	37.417	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1144680	34.160	ng		99
85) Di-n-octyl phthalate	14.43	149	2107532	36.199	ng		97
86) Indeno(1,2,3-cd)pyrene	16.53	276	1381552	29.468	ng		99
88) Benzo(b)fluoranthene	14.82	252	1689119	41.778	ng		98
89) Benzo(k)fluoranthene	14.84	252	1536378	43.719	ng		99
90) Benzo(a)pyrene	15.15	252	1433641	40.363	ng		98
91) Dibenzo(a,h)anthracene	16.55	278	1158655	36.916	ng		98
92) Benzo(g,h,i)perylene	16.93	276	1074888	35.286	ng		99

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

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