Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112393.D
Acq On : 5 Feb 2019 13:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/6/2019 9:15:36 AM

Quant Time: Feb 06 03:43:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	183368	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	706747	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	352005	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	708531	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	577210	20.00	ng		0.00
87) Perylene-d12	15.47	264	493326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	800957	92.78	ng		-0.02
7) Phenol-d6	6.49	99	989724	82.51	ng		0.00
23) Nitrobenzene-d5	7.40	82	936569	76.36	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	333913	81.50	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1849142	74.30	ng		-0.01
79) Terphenyl-d14	12.94	244	2157935	70.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	170846	49.679	ng		96
3) Pyridine	3.34	79	416185	47.575	ng		99
4) n-Nitrosodimethylamine	3.30	42	181110	49.278	ng		93
6) Aniline	6.50	93	591774	41.470	ng	#	65
8) 2-Chlorophenol	6.63	128	462984	39.866	ng		99
9) Benzaldehyde	6.39	77	247211	39.428	ng		94
10) Phenol	6.50	94	541257	41.127	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	403718	38.964	ng		99
12) 1,3-Dichlorobenzene	6.77	146	524751	38.799	ng		98
13) 1,4-Dichlorobenzene	6.85	146	536678	38.556	ng		99
14) 1,2-Dichlorobenzene	7.00	146	494328	37.931	ng		96
15) Benzyl Alcohol	6.98	79	383973	37.971	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	505722	38.014	ng		76
17) 2-Methylphenol	7.10	107	352343	38.272	ng		94
18) Hexachloroethane	7.35	117	184894	37.827	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	310262	37.509	ng		97
20) 3+4-Methylphenols	7.25	107	457328	38.847	ng	#	88
22) Acetophenone	7.25	105	653085	37.949	ng		96
24) Nitrobenzene	7.42	77	470255	38.388	ng		96
25) Isophorone	7.66	82	740069	38.461	ng		98
26) 2-Nitrophenol	7.73	139	261822	39.994	ng		92
27) 2,4-Dimethylphenol	7.77	122	349830	38.786	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	497241	37.951	ng		99
29) 2,4-Dichlorophenol	7.99	162	398805	39.511	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	445143	38.367	ng		99
31) Naphthalene	8.14	128	1254693	37.963	ng		99
32) Benzoic acid	7.92	122	235539m	45.781	ng		
33) 4-Chloroaniline	8.19	127	566966	39.397	ng		97
34) Hexachlorobutadiene	8.26	225	254040	37.313	ng		99
35) Caprolactam	8.57	113	141225m	39.662	ng		
36) 4-Chloro-3-methylphenol	8.69	107	407912	38.175	ng		98
37) 2-Methylnaphthalene	8.83	142	854621	37.772	ng		97
38) 1-Methylnaphthalene	8.93	142	819635	37.795	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	437524	37.856	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132326	36.125	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	279901	39.289	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	294118	39.502	ng		96
46) 1,1'-Biphenyl	9.29	154	1169978	38.019	ng		100
47) 2-Chloronaphthalene	9.32	162	908097	38.053	ng		97
48) 2-Nitroaniline	9.42	65	260446	40.042	ng		97
49) Acenaphthylene	9.73	152	1337294	38.233	ng		98
50) Dimethylphthalate	9.59	163	1043942	38.171	ng		99
51) 2,6-Dinitrotoluene	9.66	165	243345	39.729	ng		98
52) Acenaphthene	9.90	154	805553	38.553	ng		99
53) 3-Nitroaniline	9.83	138	266875	40.217	ng		93
54) 2,4-Dinitrophenol	9.95	184	70663	35.948	ng		96
55) Dibenzofuran	10.08	168	1210057	37.897	ng		96
56) 4-Nitrophenol	10.02	139	134554	38.353	ng		94
57) 2,4-Dinitrotoluene	10.07	165	310781	39.855	ng	#	83
58) Fluorene	10.42	166	935615	39.156	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	236116	41.963	ng		97
60) Diethylphthalate	10.29	149	1029799	37.943	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	492985	37.928	ng		95
62) 4-Nitroaniline	10.45	138	273261	41.983	ng		95
63) Azobenzene	10.57	77	930091	38.965	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	147273	37.073	ng		98
66) n-Nitrosodiphenylamine	10.53	169	885811	37.095	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	309283	37.114	ng		98
68) Hexachlorobenzene	10.97	284	337581	37.758	ng		96
69) Atrazine	11.06	200	268397	34.833	ng		97
70) Pentachlorophenol	11.17	266	129933	37.349	ng		98
71) Phenanthrene	11.39	178	1377156	37.387	ng		98
72) Anthracene	11.44	178	1391483	37.922	ng		99
73) Carbazole	11.59	167	1402950	38.761	ng		98
74) Di-n-butylphthalate	11.91	149	1612099	35.883	ng		99
75) Fluoranthene	12.57	202	1444166	36.554	ng		99
77) Benzidine	12.69	184	588335	37.033	ng		97
78) Pyrene	12.80	202	1479242	37.016	ng		100
80) Butylbenzylphthalate	13.41	149	687511	35.558	ng		96
81) Benzo(a)anthracene	13.99	228	1285192	37.876	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	495793	39.043	ng		99
83) Chrysene	14.03	228	1244763	38.431	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	952222	34.695	ng		98
85) Di-n-octyl phthalate	14.57	149	1495245	35.411	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	954419	37.188	ng		97
88) Benzo(b)fluoranthene	15.04	252	1135394	38.484	ng		99
89) Benzo(k)fluoranthene	15.07	252	1079761	38.208	ng		98
90) Benzo(a)pyrene	15.41	252	1005462	37.875	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	804161	37.586	ng		98
92) Benzo(g,h,i)perylene	17.39	276	772518	38.271	ng		98

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

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