Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112376.D
Acq On : 4 Feb 2019 13:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/5/2019 8:42:41 AM

Quant Time: Feb 05 05:31:18 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	162287	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	627973	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	322750	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	632039	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	546076	20.00	ng		0.00
87) Perylene-d12	15.47	264	503503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	739982	96.85	ng		-0.02
7) Phenol-d6	6.48	99	905205	85.26	ng		-0.01
23) Nitrobenzene-d5	7.40	82	863916	79.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	312735	83.25	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1720275	75.38	ng		-0.01
79) Terphenyl-d14	12.94	244	2069083	71.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	156130	51.297	ng		96
3) Pyridine	3.34	79	389334	50.287	ng		97
4) n-Nitrosodimethylamine	3.29	42	163114	50.146	ng		92
6) Aniline	6.50	93	544357	43.103	ng	#	73
8) 2-Chlorophenol	6.63	128	425637	41.411	ng		98
9) Benzaldehyde	6.39	77	221627	39.939	ng		98
10) Phenol	6.50	94	498800	42.824	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	373306	40.709	ng		97
12) 1,3-Dichlorobenzene	6.77	146	475401	39.716	ng		99
13) 1,4-Dichlorobenzene	6.85	146	488753	39.674	ng		99
14) 1,2-Dichlorobenzene	7.00	146	455729	39.511	ng		96
15) Benzyl Alcohol	6.98	79	349095	39.007	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	470941	39.998	ng		77
17) 2-Methylphenol	7.10	107	321225	39.425	ng		93
18) Hexachloroethane	7.35	117	170480	39.408	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	290013	39.616	ng		96
20) 3+4-Methylphenols	7.25	107	424642	40.756	ng	#	86
22) Acetophenone	7.25	105	599090	39.179	ng	#	98
24) Nitrobenzene	7.42	77	432425	39.728	ng		94
25) Isophorone	7.66	82	681364	39.852	ng		99
26) 2-Nitrophenol	7.73	139	236859	40.720	ng		92
27) 2,4-Dimethylphenol	7.77	122	323324	40.344	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	457627	39.309	ng		99
29) 2,4-Dichlorophenol	7.99	162	367515	40.978	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	409337	39.707	ng		99
31) Naphthalene	8.14	128	1163971	39.636	ng		98
32) Benzoic acid	7.92	122	179810	39.333	ng		99
33) 4-Chloroaniline	8.19	127	512974	40.117	ng		97
34) Hexachlorobutadiene	8.26	225	233413	38.584	ng		99
35) Caprolactam	8.57	113	130869m	41.364	ng		
36) 4-Chloro-3-methylphenol	8.69	107	377798	39.792	ng		99
37) 2-Methylnaphthalene	8.83	142	790716	39.332	ng		97
38) 1-Methylnaphthalene	8.93	142	756100	39.239	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	411128	38.797	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	130670	38.175	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	259005	39.651	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	268515	39.332	ng		96
46) 1,1'-Biphenyl	9.29	154	1088685	38.584	ng		99
47) 2-Chloronaphthalene	9.32	162	840570	38.416	ng		97
48) 2-Nitroaniline	9.42	65	240862	40.388	ng		95
49) Acenaphthylene	9.73	152	1250793	39.001	ng		98
50) Dimethylphthalate	9.59	163	982355	39.175	ng		99
51) 2,6-Dinitrotoluene	9.66	165	222553	39.628	ng		99
52) Acenaphthene	9.91	154	745870	38.933	ng		98
53) 3-Nitroaniline	9.83	138	250289	41.137	ng		95
54) 2,4-Dinitrophenol	9.95	184	65847	36.534	ng		94
55) Dibenzofuran	10.08	168	1149477	39.263	ng		97
56) 4-Nitrophenol	10.01	139	127313	39.579	ng		92
57) 2,4-Dinitrotoluene	10.07	165	293916	41.109	ng	#	86
58) Fluorene	10.42	166	873364	39.864	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	229030	44.393	ng		98
60) Diethylphthalate	10.29	149	966011	38.819	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	461127	38.693	ng		94
62) 4-Nitroaniline	10.45	138	257808	43.200	ng		97
63) Azobenzene	10.57	77	861343	39.356	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	134878	38.062	ng		98
66) n-Nitrosodiphenylamine	10.53	169	839270	39.400	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	288050	38.749	ng		96
68) Hexachlorobenzene	10.98	284	315180	39.519	ng		95
69) Atrazine	11.06	200	248356	36.133	ng		99
70) Pentachlorophenol	11.17	266	125418	40.414	ng		99
71) Phenanthrene	11.39	178	1293930	39.378	ng		100
72) Anthracene	11.44	178	1330014	40.634	ng		99
73) Carbazole	11.59	167	1317959	40.820	ng		99
74) Di-n-butylphthalate	11.92	149	1507729	37.622	ng		98
75) Fluoranthene	12.57	202	1386912	39.353	ng		99
77) Benzidine	12.69	184	539316	35.883	ng		97
78) Pyrene	12.80	202	1429485	37.810	ng		99
80) Butylbenzylphthalate	13.41	149	656311	35.880	ng		96
81) Benzo(a)anthracene	13.99	228	1263172	39.350	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	487579	40.585	ng		100
83) Chrysene	14.03	228	1207806	39.416	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	910431	35.064	ng		100
85) Di-n-octyl phthalate	14.58	149	1464184	36.652	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1043124	42.962	ng		97
88) Benzo(b)fluoranthene	15.04	252	1173792	38.981	ng		99
89) Benzo(k)fluoranthene	15.07	252	1135028	39.352	ng		99
90) Benzo(a)pyrene	15.41	252	1069436	39.471	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	874030	40.026	ng		99
92) Benzo(g,h,i)perylene	17.40	276	833443	40.455	ng		96

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

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