Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110250.D
Acq On : 29 Oct 2018 9:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/30/2018 2:24:04 PM

Quant Time: Oct 29 12:33:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97897	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	419339	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	202313	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	383001	20.00	ng		0.00
76) Chrysene-d12	14.16	240	271557	20.00	ng		0.00
87) Perylene-d12	15.69	264	197503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	489338	81.40	ng		-0.01
7) Phenol-d6	6.59	99	613039	79.73	ng		-0.01
23) Nitrobenzene-d5	7.53	82	580687	82.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.81	330	162572	81.12	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1081206	83.92	ng		-0.01
79) Terphenyl-d14	13.09	244	1107970	84.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	116962	37.135	ng		90
3) Pyridine	3.59	79	267669	38.155	ng	#	86
4) n-Nitrosodimethylamine	3.55	42	109830	37.368	ng	#	91
6) Aniline	6.63	93	399593	39.893	ng	#	53
8) 2-Chlorophenol	6.76	128	284526	41.052	ng		97
9) Benzaldehyde	6.52	77	172504	38.110	ng		95
10) Phenol	6.60	94	326919	39.774	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	264819	39.161	ng		96
12) 1,3-Dichlorobenzene	6.91	146	307997	40.380	ng		98
13) 1,4-Dichlorobenzene	6.99	146	309069	40.065	ng		96
14) 1,2-Dichlorobenzene	7.14	146	294873	41.177	ng		99
15) Benzyl Alcohol	7.11	79	247434	41.838	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	416051	38.480	ng		69
17) 2-Methylphenol	7.22	107	219905	39.811	ng	#	81
18) Hexachloroethane	7.48	117	114843	40.663	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	195138	39.557	ng		94
20) 3+4-Methylphenols	7.37	107	291403	40.813	ng		94
22) Acetophenone	7.38	105	386178	39.967	ng		99
24) Nitrobenzene	7.56	77	295253	40.450	ng		90
25) Isophorone	7.79	82	464137	38.513	ng		97
26) 2-Nitrophenol	7.87	139	151152	43.517	ng		93
27) 2,4-Dimethylphenol	7.90	122	226653	39.358	ng		96
28) bis(2-Chloroethoxy)methane	7.99	93	319304	39.002	ng		99
29) 2,4-Dichlorophenol	8.10	162	235887	40.544	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	262064	40.213	ng		98
31) Naphthalene	8.27	128	772822	39.987	ng		99
32) Benzoic acid	8.02	122	181899	40.868	ng		94
33) 4-Chloroaniline	8.32	127	346119	39.792	ng		99
34) Hexachlorobutadiene	8.39	225	149096	41.205	ng		99
35) Caprolactam	8.70	113	79047	38.981	ng		95
36) 4-Chloro-3-methylphenol	8.80	107	253018	40.217	ng		96
37) 2-Methylnaphthalene	8.97	142	518203	40.525	ng		97
38) 1-Methylnaphthalene	9.07	142	489474	39.610	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255311	40.502	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	129211	40.087	ng		97
43) 2,4,6-Trichlorophenol	9.25	196	163383	40.185	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	173164	40.292	ng		94
46) 1,1'-Biphenyl	9.43	154	735645	40.210	ng		99
47) 2-Chloronaphthalene	9.46	162	539960	40.235	ng		98
48) 2-Nitroaniline	9.56	65	165346	40.659	ng		88
49) Acenaphthylene	9.87	152	773238	39.892	ng		98
50) Dimethylphthalate	9.73	163	592770	39.692	ng		100
51) 2,6-Dinitrotoluene	9.79	165	132040	41.046	ng		98
52) Acenaphthene	10.05	154	494446	38.560	ng		97
53) 3-Nitroaniline	9.97	138	152110	39.762	ng		92
54) 2,4-Dinitrophenol	10.07	184	47986	40.329	ng		91
55) Dibenzofuran	10.22	168	715239	39.839	ng		97
56) 4-Nitrophenol	10.12	139	112509	39.737	ng		92
57) 2,4-Dinitrotoluene	10.20	165	175067	42.845	ng	#	81
58) Fluorene	10.56	166	538663	40.314	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	140424m	40.087	ng		
60) Diethylphthalate	10.43	149	586840	40.254	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	280612	39.811	ng		99
62) 4-Nitroaniline	10.59	138	152482	40.076	ng		91
63) Azobenzene	10.72	77	572396	39.556	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	73749	42.146	ng		82
66) n-Nitrosodiphenylamine	10.67	169	497766	39.623	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	166112	39.984	ng		95
68) Hexachlorobenzene	11.12	284	176550	40.052	ng		96
69) Atrazine	11.19	200	157235	39.606	ng		98
70) Pentachlorophenol	11.31	266	107414	41.790	ng		98
71) Phenanthrene	11.53	178	786469	39.244	ng		100
72) Anthracene	11.59	178	804526	40.052	ng		98
73) Carbazole	11.74	167	777535	39.644	ng		99
74) Di-n-butylphthalate	12.05	149	905213	40.866	ng		99
75) Fluoranthene	12.73	202	799797	39.324	ng		98
77) Benzidine	12.84	184	376451	56.516	ng		96
78) Pyrene	12.96	202	825776	42.416	ng		99
80) Butylbenzylphthalate	13.56	149	359993	42.602	ng		99
81) Benzo(a)anthracene	14.14	228	645446	40.080	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	224497	40.034	ng		99
83) Chrysene	14.19	228	619159	40.480	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	459769	40.250	ng		98
85) Di-n-octyl phthalate	14.73	149	682391	38.419	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	443533	34.954	ng		97
88) Benzo(b)fluoranthene	15.23	252	480712	42.149	ng		99
89) Benzo(k)fluoranthene	15.26	252	460997	41.115	ng		99
90) Benzo(a)pyrene	15.62	252	431532	41.120	ng		97
91) Dibenzo(a,h)anthracene	17.27	278	369809	40.839	ng		98
92) Benzo(g,h,i)perylene	17.74	276	365248	40.933	ng		98

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

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