Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111359.D
Acq On : 13 Dec 2018 9:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/14/2018 12:37:00 PM

Quant Time: Dec 14 10:07:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	283870	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1189081	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	547667	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	940608	20.00	ng		0.00
76) Chrysene-d12	13.96	240	612853	20.00	ng		0.00
87) Perylene-d12	15.39	264	517628	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1390860	82.85	ng		0.00
7) Phenol-d6	6.43	99	1833350	81.00	ng		0.00
23) Nitrobenzene-d5	7.36	82	1729739	81.99	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	389289	80.64	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2854505	83.68	ng		0.00
79) Terphenyl-d14	12.90	244	2298935	82.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	332948	39.707	ng		98
3) Pyridine	3.24	79	883184	42.876	ng		96
4) n-Nitrosodimethylamine	3.19	42	399249	41.549	ng		90
6) Aniline	6.46	93	1191485	43.515	ng		98
8) 2-Chlorophenol	6.59	128	823375	39.905	ng		95
9) Benzaldehyde	6.34	77	509050	39.248	ng		98
10) Phenol	6.45	94	1043416	40.697	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	800112	39.668	ng		98
12) 1,3-Dichlorobenzene	6.74	146	888388	39.773	ng		99
13) 1,4-Dichlorobenzene	6.82	146	901955	39.889	ng		98
14) 1,2-Dichlorobenzene	6.97	146	839549	40.134	ng		98
15) Benzyl Alcohol	6.94	79	707323	40.813	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1564141	40.028	ng		100
17) 2-Methylphenol	7.05	107	681481	40.875	ng		97
18) Hexachloroethane	7.31	117	329644	39.268	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	587731	39.078	ng		94
20) 3+4-Methylphenols	7.21	107	786916	39.578	ng		97
22) Acetophenone	7.21	105	1074637	38.907	ng	#	97
24) Nitrobenzene	7.38	77	864800	39.797	ng		97
25) Isophorone	7.62	82	1408166	39.295	ng		100
26) 2-Nitrophenol	7.69	139	451387	42.260	ng		97
27) 2,4-Dimethylphenol	7.73	122	653626	40.312	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	970941	39.474	ng		99
29) 2,4-Dichlorophenol	7.94	162	680678	40.244	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	691130	39.768	ng		100
31) Naphthalene	8.10	128	2200853	39.726	ng		97
32) Benzoic acid	7.87	122	554634m	41.149	ng		
33) 4-Chloroaniline	8.15	127	993771	42.002	ng		99
34) Hexachlorobutadiene	8.22	225	383616	39.789	ng		97
35) Caprolactam	8.53	113	239197	40.360	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	720159	39.956	ng		99
37) 2-Methylnaphthalene	8.79	142	1422973	39.734	ng		100
38) 1-Methylnaphthalene	8.89	142	1361735	39.397	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	603567	39.207	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	327219	40.706	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	448072	40.665	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	471358	40.478	ng		97
46) 1,1'-Biphenyl	9.26	154	1859516	39.794	ng		97
47) 2-Chloronaphthalene	9.28	162	1441517	40.281	ng		98
48) 2-Nitroaniline	9.37	65	481552	41.410	ng		94
49) Acenaphthylene	9.70	152	2074521	39.679	ng		97
50) Dimethylphthalate	9.56	163	1555135	39.487	ng		98
51) 2,6-Dinitrotoluene	9.62	165	359417	41.171	ng	#	87
52) Acenaphthene	9.87	154	1328840	40.296	ng		98
53) 3-Nitroaniline	9.79	138	442784	42.198	ng		95
54) 2,4-Dinitrophenol	9.89	184	146909	42.894	ng	#	81
55) Dibenzofuran	10.04	168	1901540	39.943	ng		98
56) 4-Nitrophenol	9.95	139	332025	43.939	ng		99
57) 2,4-Dinitrotoluene	10.02	165	467742	41.806	ng		99
58) Fluorene	10.39	166	1337221	39.266	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	357948	39.790	ng		99
60) Diethylphthalate	10.26	149	1549551	39.082	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	662321	39.230	ng		98
62) 4-Nitroaniline	10.40	138	424898	42.128	ng		99
63) Azobenzene	10.53	77	1571967	39.322	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	217000	40.185	ng		83
66) n-Nitrosodiphenylamine	10.49	169	1306095	39.036	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	412895	39.431	ng		97
68) Hexachlorobenzene	10.93	284	425334	39.447	ng	#	93
69) Atrazine	11.02	200	380074	39.275	ng		99
70) Pentachlorophenol	11.13	266	298660	41.623	ng		95
71) Phenanthrene	11.35	178	1913504	39.358	ng		95
72) Anthracene	11.40	178	1938098	39.150	ng		96
73) Carbazole	11.55	167	2025955	39.579	ng		97
74) Di-n-butylphthalate	11.88	149	2249343	38.594	ng		97
75) Fluoranthene	12.53	202	1861947	39.230	ng		99
77) Benzidine	12.65	184	915946	79.196	ng		98
78) Pyrene	12.76	202	1922342	40.643	ng		98
80) Butylbenzylphthalate	13.38	149	898176	39.551	ng		92
81) Benzo(a)anthracene	13.95	228	1332236	38.852	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	540563	41.683	ng		99
83) Chrysene	13.99	228	1391228	39.767	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1065275	38.371	ng		98
85) Di-n-octyl phthalate	14.56	149	1706956	37.445	ng		99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1141646	41.724	ng		97
88) Benzo(b)fluoranthene	14.98	252	1124353	38.199	ng		99
89) Benzo(k)fluoranthene	15.01	252	1163977	39.618	ng		99
90) Benzo(a)pyrene	15.33	252	1078309	39.346	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	945079	41.448	ng		96
92) Benzo(g,h,i)perylene	17.24	276	959562	42.092	ng		96

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

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