Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102907.D
Acq On : 12 Feb 2018 9:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2018 1:34:12 PM

Quant Time: Feb 13 13:23:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147997	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	639995	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	298051	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	534777	20.00	ng		0.00
75) Chrysene-d12	14.06	240	407642	20.00	ng		0.00
86) Perylene-d12	15.54	264	362747	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	778870	79.92	ng		0.00
7) Phenol-d6	6.51	99	947150	80.72	ng		0.00
23) Nitrobenzene-d5	7.45	82	876542	95.01	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	207345	86.43	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1370373	76.29	ng		0.00
78) Terphenyl-d14	13.00	244	1247205	72.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	203605	42.300	ng		89
3) Pyridine	3.42	79	573936	43.158	ng		93
4) n-Nitrosodimethylamine	3.36	42	245983	43.232	ng		88
6) Aniline	6.55	93	699978	40.395	ng		97
8) 2-Chlorophenol	6.67	128	400944	39.963	ng		94
9) Benzaldehyde	6.44	77	326637	37.485	ng		98
10) Phenol	6.52	94	515304	40.978	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	418311	39.977	ng		93
12) 1,3-Dichlorobenzene	6.83	146	454124	39.088	ng		99
13) 1,4-Dichlorobenzene	6.90	146	454145	39.241	ng		99
14) 1,2-Dichlorobenzene	7.06	146	419690	38.934	ng		97
15) Benzyl Alcohol	7.02	79	382129	42.358	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	740724	37.265	ng		99
17) 2-Methylphenol	7.13	107	365727	39.520	ng		97
18) Hexachloroethane	7.40	117	167065	42.096	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	303331	39.208	ng		95
20) 3+4-Methylphenols	7.29	107	447943	39.251	ng	#	86
22) Acetophenone	7.29	105	579059	36.974	ng	#	89
24) Nitrobenzene	7.47	77	482692	44.478	ng		98
25) Isophorone	7.70	82	836573	39.380	ng		97
26) 2-Nitrophenol	7.78	139	226763	50.346	ng		92
27) 2,4-Dimethylphenol	7.82	122	328470	36.598	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	490740	38.995	ng		99
29) 2,4-Dichlorophenol	8.02	162	324346	39.754	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	346605	37.552	ng		100
31) Naphthalene	8.19	128	1189750	38.049	ng		99
32) Benzoic acid	7.93	122	250789m	41.849	ng		
33) 4-Chloroaniline	8.24	127	521100	38.685	ng		99
34) Hexachlorobutadiene	8.30	225	180503	38.164	ng		97
35) Caprolactam	8.61	113	123439	43.565	ng	#	72
36) 4-Chloro-3-methylphenol	8.72	107	378349	41.272	ng		99
37) 2-Methylnaphthalene	8.88	142	768559	37.542	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	308255	37.984	ng		97
40) Hexachlorocyclopentadiene	9.03	237	135244	35.056	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	216205	40.561	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	241925	40.268	ng		98
45) 1,1'-Biphenyl	9.35	154	940317	37.457	ng		99
46) 2-Chloronaphthalene	9.37	162	748471	37.871	ng		98
47) 2-Nitroaniline	9.47	65	298192	48.830	ng		91
48) Acenaphthylene	9.79	152	1170236	38.123	ng		99
49) Dimethylphthalate	9.65	163	901758	38.803	ng		100
50) 2,6-Dinitrotoluene	9.71	165	196820	44.515	ng		96
51) Acenaphthene	9.96	154	712613	38.819	ng		99
52) 3-Nitroaniline	9.88	138	250001	45.954	ng		98
53) 2,4-Dinitrophenol	9.98	184	62385	54.643	ng	#	17
54) Dibenzofuran	10.13	168	982450	37.976	ng		97
55) 4-Nitrophenol	10.03	139	169660	40.064	ng		93
56) 2,4-Dinitrotoluene	10.11	165	267218	45.252	ng	#	89
57) Fluorene	10.47	166	758581	40.301	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	172829	41.506	ng		97
59) Diethylphthalate	10.34	149	893600	38.942	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	335998	40.352	ng		98
61) 4-Nitroaniline	10.49	138	249356	48.154	ng		97
62) Azobenzene	10.63	77	931722	40.644	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	120047	52.292	ng		92
65) n-Nitrosodiphenylamine	10.59	169	698809	37.046	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	211056	37.309	ng		93
67) Hexachlorobenzene	11.02	284	231719	37.130	ng		98
68) Atrazine	11.11	200	218403	39.247	ng		99
69) Pentachlorophenol	11.22	266	132727	36.231	ng		99
70) Phenanthrene	11.44	178	1106155	37.140	ng		99
71) Anthracene	11.49	178	1123206	37.078	ng		99
72) Carbazole	11.64	167	1136026	38.279	ng		99
73) Di-n-butylphthalate	11.97	149	1452008	40.277	ng		99
74) Fluoranthene	12.63	202	1138903	38.007	ng		98
76) Benzidine	12.75	184	894978	47.770	ng		99
77) Pyrene	12.86	202	1185213	37.078	ng		99
79) Butylbenzylphthalate	13.47	149	635764	41.717	ng		98
80) Benzo(a)anthracene	14.04	228	1006331	39.253	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	388421	40.863	ng		97
82) Chrysene	14.09	228	987603	38.215	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	872964	44.581	ng	#	100
84) Di-n-octyl phthalate	14.64	149	1335926	45.436	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	767264	35.797	ng		98
87) Benzo(b)fluoranthene	15.10	252	884881	37.625	ng		98
88) Benzo(k)fluoranthene	15.13	252	924355	41.135	ng		100
89) Benzo(a)pyrene	15.48	252	815600	38.528	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	647193	37.666	ng		98
91) Benzo(g,h,i)perylene	17.50	276	643358	38.254	ng		98

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

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