Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103637.D
Acq On : 14 Mar 2018 13:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2018 6:56:54 PM

Quant Time: Mar 14 18:06:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116512	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	498080	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	223199	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	374316	20.00	ng		0.00
75) Chrysene-d12	14.06	240	267006	20.00	ng		0.00
86) Perylene-d12	15.57	264	244218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	677057m	87.89	ng		0.00
7) Phenol-d6	6.50	99	761208	80.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	736938	84.50	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	137167	72.60	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1102930	85.15	ng		0.00
78) Terphenyl-d14	12.97	244	902297	81.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	148305m	36.450	ng		
3) Pyridine	3.44	79	384886m	35.433	ng		
4) n-Nitrosodimethylamine	3.42	42	161858m	36.947	ng		
6) Aniline	6.53	93	500252	36.771	ng	#	74
8) 2-Chlorophenol	6.65	128	332813	41.587	ng		93
9) Benzaldehyde	6.43	77	267864m	50.680	ng		
10) Phenol	6.52	94	486371	44.445	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	404349	48.684	ng		96
12) 1,3-Dichlorobenzene	6.80	146	368260	40.267	ng		98
13) 1,4-Dichlorobenzene	6.87	146	410397	44.759	ng		100
14) 1,2-Dichlorobenzene	7.03	146	358379	42.389	ng		97
15) Benzyl Alcohol	7.02	79	267286	37.628	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	555671	38.960	ng		55
17) 2-Methylphenol	7.12	107	292321	40.194	ng	#	75
18) Hexachloroethane	7.36	117	137273	41.126	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	272453	46.440	ng		96
20) 3+4-Methylphenols	7.29	107	352303	39.739	ng	#	52
22) Acetophenone	7.27	105	536390	46.137	ng	#	93
24) Nitrobenzene	7.45	77	418327	43.564	ng		95
25) Isophorone	7.68	82	693133	40.351	ng		96
26) 2-Nitrophenol	7.77	139	179547m	39.718	ng		
27) 2,4-Dimethylphenol	7.80	122	258399	37.396	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	404169	40.020	ng		98
29) 2,4-Dichlorophenol	8.02	162	261619	39.546	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	271111	38.484	ng		98
31) Naphthalene	8.16	128	977721	40.095	ng		100
32) Benzoic acid	7.97	122	190401m	38.706	ng		
33) 4-Chloroaniline	8.23	127	411591	39.115	ng		97
34) Hexachlorobutadiene	8.26	225	134310	36.612	ng		100
35) Caprolactam	8.60	113	98704m	42.453	ng		
36) 4-Chloro-3-methylphenol	8.71	107	315781	42.320	ng		95
37) 2-Methylnaphthalene	8.85	142	643755	40.849	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	256826	42.090	ng		99
40) Hexachlorocyclopentadiene	8.99	237	61837	34.441	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	149080	36.310	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	170885m	36.187	ng		
45) 1,1'-Biphenyl	9.32	154	788345	42.151	ng		99
46) 2-Chloronaphthalene	9.35	162	611639	41.337	ng		99
47) 2-Nitroaniline	9.46	65	244513	44.612	ng		88
48) Acenaphthylene	9.76	152	912236	40.070	ng		99
49) Dimethylphthalate	9.62	163	687034	38.370	ng		100
50) 2,6-Dinitrotoluene	9.69	165	143729	38.251	ng	#	71
51) Acenaphthene	9.93	154	535879	40.367	ng		99
52) 3-Nitroaniline	9.88	138	187765	39.387	ng		97
53) 2,4-Dinitrophenol	10.03	184	41267	36.369	ng	#	19
54) Dibenzofuran	10.10	168	745205	40.893	ng	#	90
55) 4-Nitrophenol	10.07	139	100753m	34.100	ng		
56) 2,4-Dinitrotoluene	10.12	165	186983	39.346	ng	#	80
57) Fluorene	10.45	166	609060	39.234	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	142192m	44.824	ng		
59) Diethylphthalate	10.32	149	671398	39.206	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	271562	41.251	ng		97
61) 4-Nitroaniline	10.51	138	177105	37.194	ng		96
62) Azobenzene	10.60	77	741435	42.535	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	73476	33.883	ng		85
65) n-Nitrosodiphenylamine	10.56	169	529936	40.661	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	149155	38.252	ng		98
67) Hexachlorobenzene	11.00	284	164049	38.762	ng		95
68) Atrazine	11.09	200	136441	34.830	ng		98
69) Pentachlorophenol	11.22	266	74685m	36.496	ng		
70) Phenanthrene	11.42	178	824042	40.003	ng		99
71) Anthracene	11.47	178	924586	43.770	ng		99
72) Carbazole	11.64	167	923849	43.918	ng		99
73) Di-n-butylphthalate	11.94	149	1093404	41.540	ng		99
74) Fluoranthene	12.62	202	854764	41.292	ng		99
76) Benzidine	12.75	184	334046	33.465	ng		99
77) Pyrene	12.84	202	879796	42.262	ng		100
79) Butylbenzylphthalate	13.44	149	461349	41.946	ng		99
80) Benzo(a)anthracene	14.04	228	635717	36.695	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	238913	38.642	ng		99
82) Chrysene	14.08	228	709351	42.169	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	598291	40.310	ng	#	99
84) Di-n-octyl phthalate	14.62	149	968296	40.378	ng		97
85) Indeno(1,2,3-cd)pyrene	17.11	276	511092	38.378	ng		97
87) Benzo(b)fluoranthene	15.12	252	548467	34.157	ng		99
88) Benzo(k)fluoranthene	15.14	252	640952	42.390	ng		99
89) Benzo(a)pyrene	15.50	252	547737	38.199	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	431356	38.931	ng		99
91) Benzo(g,h,i)perylene	17.59	276	417973	38.598	ng		95

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

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