Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107932.D
Acq On : 3 Aug 2018 3:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:42 PM

Quant Time: Aug 03 05:43:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119722	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	475471	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	171837	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	300519	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	327052	20.00	ng		-0.01
86) Perylene-d12	15.67	264	253155	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	486313	69.04	ng		0.00
7) Phenol-d6	6.61	99	650929	70.11	ng		0.00
23) Nitrobenzene-d5	7.52	82	660142	79.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	137228m	58.77	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1158214	93.92	ng		-0.01
78) Terphenyl-d14	13.07	244	1055008	69.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	118824	37.407	ng	#	83
3) Pyridine	3.60	79	231199m	30.570	ng		
4) n-Nitrosodimethylamine	3.58	42	66864m	18.655	ng		
6) Aniline	6.64	93	321230	33.265	ng	#	63
8) 2-Chlorophenol	6.75	128	315889	35.699	ng		93
9) Benzaldehyde	6.52	77	228100m	40.722	ng		
10) Phenol	6.62	94	413712	37.367	ng		86
11) bis(2-Chloroethyl)ether	6.69	93	422824	42.949	ng		98
12) 1,3-Dichlorobenzene	6.90	146	346880	37.377	ng		97
13) 1,4-Dichlorobenzene	6.97	146	416821	40.347	ng		98
14) 1,2-Dichlorobenzene	7.12	146	384147	40.057	ng		99
15) Benzyl Alcohol	7.11	79	187957	32.572	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.22	45	530896	37.507	ng		69
17) 2-Methylphenol	7.22	107	219768	33.644	ng	#	70
18) Hexachloroethane	7.45	117	117856	31.738	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	224506	38.120	ng		98
20) 3+4-Methylphenols	7.38	107	249341	31.091	ng	#	55
22) Acetophenone	7.37	105	448085	39.171	ng	#	94
24) Nitrobenzene	7.55	77	328066	37.909	ng		100
25) Isophorone	7.77	82	506327	37.374	ng		98
26) 2-Nitrophenol	7.87	139	82842m	19.074	ng		
27) 2,4-Dimethylphenol	7.90	122	232159	39.925	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	352705	39.505	ng		100
29) 2,4-Dichlorophenol	8.11	162	219649	33.395	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	291164	38.804	ng		98
31) Naphthalene	8.26	128	872918	39.495	ng		99
32) Benzoic acid	7.98	122	82625m	21.849	ng		
33) 4-Chloroaniline	8.33	127	328378	34.784	ng		99
34) Hexachlorobutadiene	8.36	225	175519	37.853	ng		98
35) Caprolactam	8.68	113	52370m	26.449	ng		
36) 4-Chloro-3-methylphenol	8.81	107	224432m	31.418	ng		
37) 2-Methylnaphthalene	8.95	142	499931	36.010	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	259884	44.358	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	5266	9.309	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	120385	37.168	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	134153	34.405	ng		97
45) 1,1'-Biphenyl	9.41	154	700271	44.780	ng		97
46) 2-Chloronaphthalene	9.44	162	496886	42.135	ng		98
47) 2-Nitroaniline	9.56	65	142497	37.149	ng		89
48) Acenaphthylene	9.85	152	695166	38.024	ng		99
49) Dimethylphthalate	9.71	163	532538	41.266	ng		99
50) 2,6-Dinitrotoluene	9.78	165	99823	35.594	ng		90
51) Acenaphthene	10.02	154	417570	39.319	ng		100
52) 3-Nitroaniline	9.98	138	118176	33.440	ng		93
54) Dibenzofuran	10.20	168	593509	36.157	ng		100
55) 4-Nitrophenol	10.20	139	268652	152.033	ng	#	14
56) 2,4-Dinitrotoluene	10.20	165	110056	29.857	ng	#	83
57) Fluorene	10.55	166	437196	34.271	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	110975	30.986	ng	#	81
59) Diethylphthalate	10.40	149	521240	37.566	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	250659	36.069	ng		92
61) 4-Nitroaniline	10.61	138	113156m	36.080	ng		
62) Azobenzene	10.70	77	441553	34.169	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	3611	2.209	ng	#	1
65) n-Nitrosodiphenylamine	10.65	169	403836	40.811	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	141171	40.303	ng		89
67) Hexachlorobenzene	11.09	284	148335	38.190	ng	#	89
68) Atrazine	11.18	200	103667	35.397	ng		94
69) Pentachlorophenol	11.30	266	40512	21.187	ng		97
70) Phenanthrene	11.51	178	542898	38.046	ng		97
71) Anthracene	11.57	178	681093	41.381	ng		98
72) Carbazole	11.74	167	673872	41.430	ng		98
73) Di-n-butylphthalate	12.03	149	735889	41.471	ng		99
74) Fluoranthene	12.71	202	755039	45.040	ng		98
76) Benzidine	12.85	184	278433	26.331	ng		98
77) Pyrene	12.94	202	773923	32.862	ng		97
79) Butylbenzylphthalate	13.54	149	352711	34.200	ng		93
80) Benzo(a)anthracene	14.13	228	676252	36.502	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	264555	36.838	ng		96
82) Chrysene	14.17	228	772161	38.642	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	490561	37.838	ng		100
84) Di-n-octyl phthalate	14.71	149	886226	42.586	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	473293	31.139	ng	#	93
87) Benzo(b)fluoranthene	15.21	252	482830	38.671	ng		99
88) Benzo(k)fluoranthene	15.25	252	646421m	42.169	ng		
89) Benzo(a)pyrene	15.61	252	477649	37.057	ng		99
90) Dibenzo(a,h)anthracene	17.26	278	402499	35.799	ng		96
91) Benzo(g,h,i)perylene	17.73	276	374610	34.434	ng		96

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

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