Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114602.D
Acq On : 25 May 2019 14:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/27/2019 3:49:39 AM

Quant Time: May 27 01:55:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140291	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	573198	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	274146	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	535955	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	363419	20.00	ng		-0.02
87) Perylene-d12	15.43	264	366208	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	702375	80.57	ng		-0.02
7) Phenol-d6	6.45	99	871943	84.57	ng		-0.01
23) Nitrobenzene-d5	7.37	82	837067	81.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	223572	78.88	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1548783	85.46	ng		-0.02
79) Terphenyl-d14	12.90	244	1542866	87.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	158262	33.028	ng		100
3) Pyridine	3.25	79	441565m	33.446	ng		
4) n-Nitrosodimethylamine	3.20	42	217320	34.135	ng		97
6) Aniline	6.47	93	612496	41.123	ng	#	80
8) 2-Chlorophenol	6.59	128	407751	43.813	ng		95
9) Benzaldehyde	6.36	77	252156	34.933	ng		97
10) Phenol	6.46	94	506034	41.720	ng	#	71
11) bis(2-Chloroethyl)ether	6.53	93	396818	43.093	ng		99
12) 1,3-Dichlorobenzene	6.75	146	452770	43.341	ng		99
13) 1,4-Dichlorobenzene	6.82	146	461910	43.879	ng		98
14) 1,2-Dichlorobenzene	6.97	146	426238	44.319	ng		99
15) Benzyl Alcohol	6.95	79	327045	40.669	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	745626	41.761	ng		61
17) 2-Methylphenol	7.07	107	319954	41.851	ng	#	91
18) Hexachloroethane	7.31	117	173860	43.999	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	281913	43.136	ng		98
20) 3+4-Methylphenols	7.22	107	408694	46.270	ng	#	78
22) Acetophenone	7.22	105	545013	42.921	ng	#	90
24) Nitrobenzene	7.39	77	434328	41.751	ng		99
25) Isophorone	7.63	82	783327	41.353	ng		99
26) 2-Nitrophenol	7.70	139	218125	43.218	ng		96
27) 2,4-Dimethylphenol	7.75	122	324445	40.930	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	524937	42.710	ng		99
29) 2,4-Dichlorophenol	7.96	162	340543	43.144	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	381200	42.471	ng		98
31) Naphthalene	8.10	128	1159360	43.300	ng		98
32) Benzoic acid	7.90	122	196602m	36.717	ng		
33) 4-Chloroaniline	8.16	127	527751	43.254	ng		97
34) Hexachlorobutadiene	8.22	225	224237	43.908	ng		98
35) Caprolactam	8.53	113	108139	42.016	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	350382	44.100	ng		99
37) 2-Methylnaphthalene	8.80	142	777539	45.009	ng		98
38) 1-Methylnaphthalene	8.90	142	735220	45.194	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	360511	43.412	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	136395	37.673	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	225696	39.512	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	227386	38.817	ng		96
46) 1,1'-Biphenyl	9.26	154	966253	43.629	ng		96
47) 2-Chloronaphthalene	9.29	162	764426	42.888	ng		99
48) 2-Nitroaniline	9.39	65	257137	40.678	ng		93
49) Acenaphthylene	9.70	152	1149367	42.398	ng		98
50) Dimethylphthalate	9.56	163	868839	43.172	ng		99
51) 2,6-Dinitrotoluene	9.63	165	187149	41.927	ng		95
52) Acenaphthene	9.87	154	690193	41.490	ng		99
53) 3-Nitroaniline	9.80	138	231317	41.747	ng		98
54) 2,4-Dinitrophenol	9.93	184	82598	40.443	ng		94
55) Dibenzofuran	10.05	168	985495	40.400	ng		98
56) 4-Nitrophenol	9.99	139	128103	32.692	ng		96
57) 2,4-Dinitrotoluene	10.04	165	229544	37.888	ng	#	76
58) Fluorene	10.39	166	821327	43.591	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189813	37.553	ng		98
60) Diethylphthalate	10.26	149	878446	42.960	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	407430	44.027	ng		98
62) 4-Nitroaniline	10.42	138	219098	37.629	ng		96
63) Azobenzene	10.54	77	816688	41.262	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	111053	43.122	ng		84
66) n-Nitrosodiphenylamine	10.50	169	712889	43.826	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	256566	43.478	ng		96
68) Hexachlorobenzene	10.95	284	276513	42.357	ng		93
69) Atrazine	11.02	200	215095	42.492	ng		98
70) Pentachlorophenol	11.15	266	113935	36.817	ng		99
71) Phenanthrene	11.35	178	1133041	43.453	ng		99
72) Anthracene	11.40	178	1153412	44.040	ng		99
73) Carbazole	11.56	167	1083209	43.373	ng		98
74) Di-n-butylphthalate	11.88	149	1395839	48.513	ng		99
75) Fluoranthene	12.54	202	1209427	43.072	ng		99
77) Benzidine	12.66	184	579247	35.508	ng		97
78) Pyrene	12.77	202	1208189	41.326	ng		100
80) Butylbenzylphthalate	13.37	149	583080	47.384	ng		100
81) Benzo(a)anthracene	13.96	228	1027961	43.732	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	419887	46.048	ng		99
83) Chrysene	14.00	228	995670	43.211	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	811967	50.452	ng		99
85) Di-n-octyl phthalate	14.54	149	1334134	51.137	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	904151	44.399	ng		99
88) Benzo(b)fluoranthene	15.00	252	1046714	44.614	ng		100
89) Benzo(k)fluoranthene	15.03	252	860863	39.944	ng		99
90) Benzo(a)pyrene	15.37	252	869513	42.111	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	750636	43.750	ng		98
92) Benzo(g,h,i)perylene	17.33	276	746648	43.424	ng		99

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

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