Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117292.D
Acq On : 2 Oct 2019 11:49
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/4/2019 8:17:17 AM

Quant Time: Oct 03 11:48:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	75812	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	338537	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	172052	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	268198	20.00	ng		0.00
76) Chrysene-d12	13.98	240	156720	20.00	ng		0.00
87) Perylene-d12	15.43	264	138981	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	390279	80.37	ng		0.00
7) Phenol-d6	6.46	99	536087	85.43	ng		0.00
23) Nitrobenzene-d5	7.39	82	523210	81.20	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	114269	79.47	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	918870	83.51	ng		0.00
79) Terphenyl-d14	12.92	244	798442	95.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	73735	36.288	ng		97
3) Pyridine	3.30	79	216236	38.880	ng		96
4) n-Nitrosodimethylamine	3.27	42	79888	41.857	ng		99
6) Aniline	6.48	93	337101	41.722	ng	#	43
8) 2-Chlorophenol	6.60	128	220540	42.100	ng		99
9) Benzaldehyde	6.36	77	134647	43.849	ng		96
10) Phenol	6.47	94	291269	42.102	ng		77
11) bis(2-Chloroethyl)ether	6.55	93	218737	43.019	ng		99
12) 1,3-Dichlorobenzene	6.75	146	239862	40.805	ng		99
13) 1,4-Dichlorobenzene	6.83	146	244153	40.699	ng		98
14) 1,2-Dichlorobenzene	6.99	146	231448	41.439	ng		99
15) Benzyl Alcohol	6.96	79	210694	43.782	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	222902	44.372	ng		63
17) 2-Methylphenol	7.08	107	187593	42.728	ng	#	87
18) Hexachloroethane	7.32	117	93595	40.556	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	174177	45.580	ng		99
20) 3+4-Methylphenols	7.23	107	242936	44.423	ng	#	77
22) Acetophenone	7.23	105	349588	40.644	ng	#	98
24) Nitrobenzene	7.40	77	257210	40.424	ng		94
25) Isophorone	7.64	82	465689	40.821	ng		99
26) 2-Nitrophenol	7.72	139	118632	43.406	ng		97
27) 2,4-Dimethylphenol	7.76	122	174249	40.204	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	286323	40.737	ng		100
29) 2,4-Dichlorophenol	7.96	162	185630	40.876	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	194025	39.546	ng		99
31) Naphthalene	8.12	128	659539	40.508	ng		100
32) Benzoic acid	7.93	122	123565	39.165	ng		96
33) 4-Chloroaniline	8.17	127	288322	39.926	ng		99
34) Hexachlorobutadiene	8.23	225	110735	39.781	ng		97
35) Caprolactam	8.57	113	58166m	37.841	ng		
36) 4-Chloro-3-methylphenol	8.66	107	209049	39.479	ng		100
37) 2-Methylnaphthalene	8.81	142	445776	40.659	ng		96
38) 1-Methylnaphthalene	8.91	142	414556	40.371	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	180857	40.708	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	73366	41.541	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	123468	40.951	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	123758	38.419	ng		98
46) 1,1'-Biphenyl	9.27	154	543326	40.259	ng		99
47) 2-Chloronaphthalene	9.30	162	424768	39.880	ng		99
48) 2-Nitroaniline	9.40	65	142395	41.681	ng		92
49) Acenaphthylene	9.72	152	625571	39.206	ng		99
50) Dimethylphthalate	9.57	163	481515	39.526	ng		100
51) 2,6-Dinitrotoluene	9.65	165	103540	41.731	ng		99
52) Acenaphthene	9.89	154	377376	39.899	ng		98
53) 3-Nitroaniline	9.82	138	125661	40.142	ng		96
54) 2,4-Dinitrophenol	9.93	184	40054	42.270	ng		91
55) Dibenzofuran	10.06	168	548298	39.290	ng		99
56) 4-Nitrophenol	9.99	139	74683	36.810	ng		95
57) 2,4-Dinitrotoluene	10.05	165	136469	42.373	ng	#	82
58) Fluorene	10.40	166	462106	41.108	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	94833	38.470	ng		97
60) Diethylphthalate	10.27	149	503280	41.992	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	201466	41.422	ng		98
62) 4-Nitroaniline	10.44	138	127592	39.193	ng		97
63) Azobenzene	10.55	77	486465	39.741	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	58263	47.724	ng		87
66) n-Nitrosodiphenylamine	10.51	169	388223	41.914	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	115270	42.086	ng		96
68) Hexachlorobenzene	10.96	284	122528	40.901	ng		97
69) Atrazine	11.04	200	97118	41.193	ng		97
70) Pentachlorophenol	11.15	266	58042	41.333	ng		99
71) Phenanthrene	11.36	178	614966	40.369	ng		100
72) Anthracene	11.42	178	638109	41.030	ng		99
73) Carbazole	11.57	167	591273	40.053	ng		99
74) Di-n-butylphthalate	11.89	149	745454	42.442	ng		99
75) Fluoranthene	12.55	202	593319	37.906	ng		98
77) Benzidine	12.67	184	235539	46.657	ng		99
78) Pyrene	12.78	202	597625	45.447	ng		99
80) Butylbenzylphthalate	13.39	149	274423	44.165	ng		98
81) Benzo(a)anthracene	13.97	228	424696	40.561	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	133245	39.490	ng		98
83) Chrysene	14.01	228	402149	39.379	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	344911	43.052	ng		100
85) Di-n-octyl phthalate	14.56	149	506368	40.157	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	340932	45.760	ng		99
88) Benzo(b)fluoranthene	15.02	252	323492	38.426	ng		100
89) Benzo(k)fluoranthene	15.04	252	331285	41.542	ng		99
90) Benzo(a)pyrene	15.38	252	303294	41.055	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	280518m	47.666	ng		
92) Benzo(g,h,i)perylene	17.34	276	278638	47.513	ng		100

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

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