Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089786.D
Acq On : 19 Aug 2016 10:22
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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8/19/2016 4:51:20 PM

Quant Time: Aug 19 12:03:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	599540	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	2152844	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	1121179	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1962605	20.00	ng		0.00
75) Chrysene-d12	13.91	240	1099645	20.00	ng		0.03
86) Perylene-d12	15.50	264	1051029	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	734841	20.45	ng		-0.01
7) Phenol-d6	6.31	99	869355	19.02	ng		-0.01
23) Nitrobenzene-d5	7.24	82	790762	22.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	232972	21.48	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	1498378	21.44	ng		-0.01
78) Terphenyl-d14	12.79	244	1276982	34.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	185112	9.98	ng		89
3) Pyridine	2.81	79	419170	8.77	ng		92
4) n-Nitrosodimethylamine	2.74	42	156050	8.13	ng		87
6) Aniline	6.34	93	613021	9.98	ng		95
8) 2-Chlorophenol	6.46	128	420876	9.85	ng		100
9) Benzaldehyde	6.22	77	287054	9.48	ng		98
10) Phenol	6.32	94	489483	8.60	ng		88
11) bis(2-Chloroethyl)ether	6.42	93	443898	10.53	ng		94
12) 1,3-Dichlorobenzene	6.63	146	454614	9.95	ng	#	91
13) 1,4-Dichlorobenzene	6.70	146	451429	9.75	ng		97
14) 1,2-Dichlorobenzene	6.86	146	466630	10.57	ng		98
15) Benzyl Alcohol	6.82	79	288275	9.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	514459	9.30	ng		95
17) 2-Methylphenol	6.95	107	336914	9.92	ng		93
18) Hexachloroethane	7.20	117	164717	9.71	ng	#	90
19) n-Nitroso-di-n-propylamine	7.10	70	279260	9.33	ng		97
20) 3+4-Methylphenols	7.10	107	434349	9.99	ng		98
22) Acetophenone	7.10	105	614357	12.28	ng	#	91
24) Nitrobenzene	7.27	77	459471	11.59	ng	#	88
25) Isophorone	7.51	82	807233	11.44	ng		97
26) 2-Nitrophenol	7.59	139	216169	11.58	ng		96
27) 2,4-Dimethylphenol	7.63	122	374070	10.58	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	481753	11.24	ng		99
29) 2,4-Dichlorophenol	7.83	162	316484	10.75	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	361927	11.45	ng		99
31) Naphthalene	7.99	128	1267556	13.12	ng		98
32) Benzoic acid	7.70	122	240952	8.76	ng		98
33) 4-Chloroaniline	8.03	127	467423	10.45	ng	#	84
34) Hexachlorobutadiene	8.11	225	192470	11.59	ng		99
35) Caprolactam	8.38	113	98402	10.84	ng	#	86
36) 4-Chloro-3-methylphenol	8.51	107	331804	10.35	ng		85
37) 2-Methylnaphthalene	8.67	142	732794m	11.14	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	428053	11.88	ng	#	97
40) Hexachlorocyclopentadiene	8.83	237	103166	6.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	222172	9.54	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	224506	10.11	ng	#	81
45) 1,1'-Biphenyl	9.14	154	1062668	11.44	ng		95
46) 2-Chloronaphthalene	9.16	162	770882	11.08	ng	#	91
47) 2-Nitroaniline	9.26	65	216638	10.22	ng	#	80
48) Acenaphthylene	9.58	152	1159152	10.82	ng		97
49) Dimethylphthalate	9.44	163	826066	10.18	ng		99
50) 2,6-Dinitrotoluene	9.50	165	178007	9.69	ng	#	84
51) Acenaphthene	9.75	154	776528	10.74	ng		99
52) 3-Nitroaniline	9.66	138	195395	9.15	ng		92
53) 2,4-Dinitrophenol	9.76	184	43145	6.61	ng	#	56
54) Dibenzofuran	9.92	168	989577	11.13	ng		89
55) 4-Nitrophenol	9.82	139	155071	9.44	ng		90
56) 2,4-Dinitrotoluene	9.90	165	251584	10.66	ng		91
57) Fluorene	10.25	166	789578	10.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	179903m	10.38	ng		
59) Diethylphthalate	10.15	149	891792	10.84	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	382769	10.85	ng	#	85
61) 4-Nitroaniline	10.26	138	189732	9.15	ng		97
62) Azobenzene	10.41	77	765403	9.85	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	90909	7.98	ng		95
65) n-Nitrosodiphenylamine	10.38	169	652462	10.59	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	231551	11.39	ng	#	81
67) Hexachlorobenzene	10.80	284	244496	10.82	ng	#	76
68) Atrazine	10.90	200	217209	11.64	ng		96
69) Pentachlorophenol	10.99	266	135541	9.63	ng		98
70) Phenanthrene	11.21	178	1186531	12.30	ng		99
71) Anthracene	11.26	178	1102954	10.94	ng		98
72) Carbazole	11.42	167	1038803	10.88	ng		97
73) Di-n-butylphthalate	11.77	149	1321430	11.38	ng	#	98
74) Fluoranthene	12.40	202	1038988	10.72	ng		95
76) Benzidine	12.53	184	371671	9.42	ng		97
77) Pyrene	12.63	202	1035759	14.39	ng		99
79) Butylbenzylphthalate	13.30	149	427910	11.85	ng		92
80) Benzo(a)anthracene	13.90	228	681801	10.67	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	217762	9.35	ng	#	95
82) Chrysene	13.94	228	663002	11.53	ng		96
83) Bis(2-ethylhexyl)phthalate	13.94	149	605134	12.67	ng		100
84) Di-n-octyl phthalate	14.66	149	728662	9.81	ng		95
85) Indeno(1,2,3-cd)pyrene	16.79	276	742624	15.16	ng		97
87) Benzo(b)fluoranthene	15.07	252	675082	10.14	ng		98
88) Benzo(k)fluoranthene	15.11	252	468261m	8.54	ng		
89) Benzo(a)pyrene	15.43	252	574972	10.46	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	621999	14.37	ng		99
91) Benzo(g,h,i)perylene	17.17	276	648676	14.72	ng		98

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

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