Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
Data File : BF091711.D
Acq On : 17 Dec 2016 13:24
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
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12/20/2016 11:40:06 AM

Quant Time: May 26 14:00:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	294709	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	1188947	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	633872	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	1084510	20.00	ng		0.00
75) Chrysene-d12	13.93	240	1049145	20.00	ng		0.00
86) Perylene-d12	15.33	264	963684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	103097	5.85	ng		-0.01
7) Phenol-d6	6.40	99	124889	5.67	ng		-0.02
23) Nitrobenzene-d5	7.32	82	111266	5.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	33656	6.36	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	23082	2.49	ng		97
3) Pyridine	3.05	79	66228	2.61	ng		93
4) n-Nitrosodimethylamine	2.96	42	28282	2.64	ng	#	90
6) Aniline	6.42	93	78929	2.74	ng	#	67
8) 2-Chlorophenol	6.54	128	55917	2.83	ng		98
9) Benzaldehyde	6.30	77	44886	2.98	ng		91
10) Phenol	6.42	94	71071	2.71	ng		81
11) bis(2-Chloroethyl)ether	6.50	93	56199	2.94	ng		94
12) 1,3-Dichlorobenzene	6.70	146	62618	2.88	ng	#	95
13) 1,4-Dichlorobenzene	6.78	146	65043	3.04	ng		96
14) 1,2-Dichlorobenzene	6.93	146	57139	2.97	ng		98
15) Benzyl Alcohol	6.91	79	49505	2.85	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	83293	2.80	ng		99
17) 2-Methylphenol	7.02	107	45432	2.77	ng		99
18) Hexachloroethane	7.28	117	21327	2.56	ng	#	84
19) n-Nitroso-di-n-propylamine	7.17	70	39038	2.85	ng		95
22) Acetophenone	7.17	105	85815	2.99	ng	#	94
24) Nitrobenzene	7.34	77	61783	2.79	ng		100
25) Isophorone	7.58	82	104192	2.71	ng	#	92
26) 2-Nitrophenol	7.66	139	25610	2.55	ng	#	86
27) 2,4-Dimethylphenol	7.71	122	45813	2.59	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	61737	2.79	ng		98
29) 2,4-Dichlorophenol	7.92	162	45684	2.99	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	52179	2.99	ng		96
31) Naphthalene	8.08	128	179398	3.21	ng		97
32) Benzoic acid	7.77	122	18964	1.57	ng		97
33) 4-Chloroaniline	8.13	127	65030	2.69	ng	#	90
34) Hexachlorobutadiene	8.20	225	30317	3.07	ng		97
35) Caprolactam	8.45	113	13177	2.83	ng	#	71
36) 4-Chloro-3-methylphenol	8.61	107	50602	2.95	ng		94
37) 2-Methylnaphthalene	8.76	142	106293	2.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	50883	2.91	ng		98
40) Hexachlorocyclopentadiene	8.92	237	12032	1.56	ng		97
42) 2,4,6-Trichlorophenol	9.05	196	33073	2.96	ng		98

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Quant Time: May 26 14:00:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	30884	2.66	ng		92
45) 1,1'-Biphenyl	9.23	154	149496	3.19	ng		96
46) 2-Chloronaphthalene	9.25	162	109883	3.05	ng		98
47) 2-Nitroaniline	9.34	65	30460	2.58	ng		89
48) Acenaphthylene	9.66	152	171872	3.15	ng		96
49) Dimethylphthalate	9.53	163	133838	3.29	ng		99
50) 2,6-Dinitrotoluene	9.58	165	23915	2.67	ng	#	46
51) Acenaphthene	9.84	154	112305	2.97	ng		97
52) 3-Nitroaniline	9.76	138	32000	3.07	ng		94
55) 4-Nitrophenol	9.93	139	18564	2.45	ng		89
56) 2,4-Dinitrotoluene	10.00	165	32319	2.91	ng	#	75
58) 2,3,4,6-Tetrachlorophenol	10.13	232	26594m	2.97	ng		
59) Diethylphthalate	10.22	149	122988	3.17	ng		98
61) 4-Nitroaniline	10.36	138	32632	3.12	ng		91
62) Azobenzene	10.50	77	124841	2.87	ng		96
65) n-Nitrosodiphenylamine	10.46	169	104496	3.15	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	32881	2.94	ng	#	78
67) Hexachlorobenzene	10.90	284	35808	3.01	ng	#	91
69) Pentachlorophenol	11.09	266	11089	1.65	ng		97
71) Anthracene	11.36	178	180728	3.15	ng		96
76) Benzidine	12.63	184	84390	2.60	ng		96
77) Pyrene	12.73	202	209313m	2.55	ng		
79) Butylbenzylphthalate	13.36	149	98149	2.96	ng	#	75
80) Benzo(a)anthracene	13.92	228	188968	3.07	ng		96
81) 3,3'-Dichlorobenzidine	13.88	252	62737	2.78	ng	#	94
82) Chrysene	13.95	228	189924	2.95	ng		95
83) Bis(2-ethylhexyl)phthalate	13.92	149	144654	3.44	ng		98
84) Di-n-octyl phthalate	14.52	149	229132	3.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	156505	2.66	ng		99
87) Benzo(b)fluoranthene	14.92	252	164407m	2.78	ng		
89) Benzo(a)pyrene	15.27	252	157235	3.02	ng		96
90) Dibenzo(a,h)anthracene	16.68	278	135791	2.91	ng		96
91) Benzo(g,h,i)perylene	17.07	276	134005	2.80	ng		98

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

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