Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091829.D
Acq On : 21 Dec 2016 12:15
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Quant Time: Dec 21 16:13:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	264748	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1020700	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	582085	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	941597	20.00	ng		0.00
75) Chrysene-d12	13.89	240	824015	20.00	ng		-0.01
86) Perylene-d12	15.30	264	750805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	94301	5.97	ng		0.00
7) Phenol-d6	6.38	99	114958	5.97	ng		-0.02
23) Nitrobenzene-d5	7.31	82	111528	6.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	28769	5.83	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.84	244	204864	6.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	21271	2.73	ng	#	95
3) Pyridine	3.05	79	71481m	2.85	ng		
4) n-Nitrosodimethylamine	2.94	42	22705	2.34	ng	#	94
6) Aniline	6.41	93	78551	3.17	ng	#	60
8) 2-Chlorophenol	6.53	128	51919	2.98	ng		88
9) Benzaldehyde	6.29	77	36206	3.03	ng		91
10) Phenol	6.41	94	66783	3.07	ng	#	77
11) bis(2-Chloroethyl)ether	6.48	93	46856	2.70	ng		97
12) 1,3-Dichlorobenzene	6.68	146	55258m	2.89	ng		
13) 1,4-Dichlorobenzene	6.76	146	58751	3.04	ng		97
15) Benzyl Alcohol	6.89	79	43517	2.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	76745	2.89	ng		88
17) 2-Methylphenol	7.01	107	41317	2.84	ng		98
18) Hexachloroethane	7.26	117	19101	2.66	ng	#	85
19) n-Nitroso-di-n-propylamine	7.16	70	39418	3.07	ng	#	89
22) Acetophenone	7.16	105	76841	3.12	ng	#	93
24) Nitrobenzene	7.33	77	56083	2.95	ng	#	84
25) Isophorone	7.57	82	99316	2.94	ng		99
26) 2-Nitrophenol	7.65	139	26880	2.93	ng	#	85
27) 2,4-Dimethylphenol	7.70	122	48389	3.23	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	62094	3.14	ng		98
29) 2,4-Dichlorophenol	7.90	162	39832	2.89	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	42905	2.87	ng	#	96
32) Benzoic acid	7.77	122	28923	2.71	ng		95
35) Caprolactam	8.44	113	12301	2.77	ng		85
36) 4-Chloro-3-methylphenol	8.60	107	42515	2.79	ng	#	83
37) 2-Methylnaphthalene	8.75	142	99776m	3.25	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	42204	2.91	ng		97
42) 2,4,6-Trichlorophenol	9.02	196	27128	2.62	ng		94
43) 2,4,5-Trichlorophenol	9.07	196	31378	3.08	ng		96
46) 2-Chloronaphthalene	9.23	162	95719	3.07	ng		94
47) 2-Nitroaniline	9.33	65	28243	2.65	ng	#	72
48) Acenaphthylene	9.64	152	149360	3.09	ng		97
49) Dimethylphthalate	9.50	163	108245	2.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.57	165	22849	2.74	ng		99
51) Acenaphthene	9.81	154	98981	2.99	ng		100
52) 3-Nitroaniline	9.74	138	26513	2.55	ng	#	76
54) Dibenzofuran	9.98	168	131475	3.33	ng		98
55) 4-Nitrophenol	9.92	139	18547	2.57	ng		97
56) 2,4-Dinitrotoluene	9.97	165	30117	2.89	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	24026	2.85	ng	#	97
59) Diethylphthalate	10.21	149	101447	2.71	ng		94
61) 4-Nitroaniline	10.34	138	27388	2.79	ng		94
62) Azobenzene	10.49	77	114528	2.88	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	10092	1.63	ng	#	74
66) 4-Bromophenyl-phenylether	10.82	248	28625	2.90	ng	#	80
67) Hexachlorobenzene	10.88	284	31585	3.05	ng	#	84
71) Anthracene	11.34	178	156940	3.15	ng		96
72) Carbazole	11.49	167	146410	3.36	ng		97
73) Di-n-butylphthalate	11.84	149	179321	3.21	ng	#	97
74) Fluoranthene	12.48	202	165414	3.37	ng		92
76) Benzidine	12.60	184	82751	3.49	ng		97
77) Pyrene	12.70	202	169802	2.85	ng		96
79) Butylbenzylphthalate	13.33	149	69406	2.49	ng	#	75
80) Benzo(a)anthracene	13.88	228	135875	2.88	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	51168	2.71	ng	#	93
82) Chrysene	13.93	228	135502	2.77	ng		96
83) Bis(2-ethylhexyl)phthalate	13.89	149	91460	2.59	ng	#	97
84) Di-n-octyl phthalate	14.50	149	167437	2.57	ng		97
85) Indeno(1,2,3-cd)pyrene	16.63	276	116019	2.42	ng		99
87) Benzo(b)fluoranthene	14.90	252	127298m	2.67	ng		
88) Benzo(k)fluoranthene	14.92	252	122475m	3.67	ng		
89) Benzo(a)pyrene	15.23	252	118337	2.90	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	98457	2.76	ng		98
91) Benzo(g,h,i)perylene	17.03	276	101865	2.81	ng		97

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

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