Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091267.D
Acq On : 23 Nov 2016 9:29
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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11/28/2016 4:52:23 PM

Quant Time: Nov 23 13:20:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	228937	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	867298	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	526606	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	920160	20.00	ng		0.00
75) Chrysene-d12	14.03	240	817981	20.00	ng		-0.01
86) Perylene-d12	15.47	264	638777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	78662	5.71	ng		-0.01
7) Phenol-d6	6.49	99	105288	6.39	ng		-0.01
23) Nitrobenzene-d5	7.44	82	74517	4.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	26409	5.37	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	185809	6.16	ng		0.00
78) Terphenyl-d14	12.98	244	198593	5.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	20125	3.22	ng		96
3) Pyridine	3.24	79	46284	2.83	ng		89
4) n-Nitrosodimethylamine	3.15	42	25725	2.91	ng	#	93
6) Aniline	6.53	93	60061	3.04	ng	#	63
8) 2-Chlorophenol	6.65	128	42483	2.88	ng	#	79
9) Benzaldehyde	6.42	77	30197m	3.65	ng		
10) Phenol	6.50	94	60044	3.12	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	42005	2.80	ng		100
12) 1,3-Dichlorobenzene	6.82	146	45702	2.85	ng		96
13) 1,4-Dichlorobenzene	6.89	146	47577	2.84	ng		95
14) 1,2-Dichlorobenzene	7.05	146	47838	3.21	ng		94
15) Benzyl Alcohol	7.01	79	34693	2.68	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.15	45	91452	3.18	ng		70
17) 2-Methylphenol	7.12	107	32046	2.16	ng	#	77
18) Hexachloroethane	7.39	117	15817	2.55	ng	#	87
19) n-Nitroso-di-n-propylamine	7.28	70	28431	2.36	ng		92
20) 3+4-Methylphenols	7.28	107	42988	2.90	ng	#	39
22) Acetophenone	7.28	105	58527	2.83	ng	#	88
24) Nitrobenzene	7.45	77	41643	2.38	ng	#	90
25) Isophorone	7.69	82	77774	2.62	ng		96
27) 2,4-Dimethylphenol	7.80	122	34154m	2.90	ng		
28) bis(2-Chloroethoxy)methane	7.90	93	45428	2.80	ng		97
29) 2,4-Dichlorophenol	8.01	162	32711	2.79	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	38844	2.96	ng		95
31) Naphthalene	8.18	128	124042	3.06	ng		99
33) 4-Chloroaniline	8.22	127	50080	3.05	ng		96
34) Hexachlorobutadiene	8.30	225	22792	2.93	ng		94
35) Caprolactam	8.54	113	9350	2.83	ng	#	91
36) 4-Chloro-3-methylphenol	8.69	107	31028	2.41	ng		98
37) 2-Methylnaphthalene	8.88	142	87336	3.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	38792	2.61	ng		94
40) Hexachlorocyclopentadiene	9.04	237	13505	8.35	ng		97
42) 2,4,6-Trichlorophenol	9.15	196	24600	2.72	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	23303m	2.46	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.33	154	102875	2.56	ng		98
46) 2-Chloronaphthalene	9.36	162	77054	2.58	ng		98
48) Acenaphthylene	9.78	152	122599	2.73	ng		97
49) Dimethylphthalate	9.63	163	91748	2.61	ng		97
51) Acenaphthene	9.95	154	84554	3.03	ng		96
52) 3-Nitroaniline	9.86	138	16335	2.03	ng	#	88
54) Dibenzofuran	10.12	168	116345	3.00	ng	#	87
55) 4-Nitrophenol	10.00	139	10717	9.05	ng	#	84
57) Fluorene	10.46	166	93911	2.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	22113	2.77	ng		95
59) Diethylphthalate	10.34	149	90292	2.65	ng	#	91
60) 4-Chlorophenyl-phenylether	10.45	204	41025	2.78	ng	#	76
62) Azobenzene	10.61	77	93566	2.31	ng		89
65) n-Nitrosodiphenylamine	10.57	169	80653	2.91	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	27072	2.81	ng		93
67) Hexachlorobenzene	11.01	284	29212	2.78	ng	#	91
68) Atrazine	11.09	200	25782	3.36	ng		96
69) Pentachlorophenol	11.20	266	15901	3.83	ng		100
70) Phenanthrene	11.42	178	136444	2.82	ng		96
71) Anthracene	11.47	178	148927	3.09	ng		95
72) Carbazole	11.62	167	129421	2.93	ng		95
73) Di-n-butylphthalate	11.96	149	137418	2.62	ng		99
74) Fluoranthene	12.60	202	146853	2.79	ng		97
77) Pyrene	12.83	202	158481	2.53	ng		97
79) Butylbenzylphthalate	13.46	149	53109	2.02	ng		97
80) Benzo(a)anthracene	14.02	228	131538	2.65	ng		97
82) Chrysene	14.05	228	115669	2.27	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	70173	2.10	ng	#	92
84) Di-n-octyl phthalate	14.64	149	121531	2.08	ng		99
87) Benzo(b)fluoranthene	15.05	252	96671m	2.52	ng		
88) Benzo(k)fluoranthene	15.07	252	98495m	2.54	ng		
89) Benzo(a)pyrene	15.40	252	87250	2.48	ng	#	95
90) Dibenzo(a,h)anthracene	16.89	278	66088	2.28	ng	#	95
91) Benzo(g,h,i)perylene	17.29	276	66724	2.25	ng		97

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

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