Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090705.D
Acq On : 21 Oct 2016 11:25
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
10/24/2016 3:51:06 PM

Quant Time: Oct 21 16:47:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 14:20:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165225	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	752750	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	338676	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	512821	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	382148	20.00	ng		0.00
86) Perylene-d12	15.45	264	277103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	208121	18.01	ng		0.00
7) Phenol-d6	6.49	99	305909	22.60	ng		-0.01
23) Nitrobenzene-d5	7.42	82	283814	23.33	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	50165	19.48	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	494519	17.25	ng		-0.01
78) Terphenyl-d14	12.97	244	344199	17.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	65808	14.71	ng	#	83
3) Pyridine	3.22	79	134421	11.65	ng	#	83
4) n-Nitrosodimethylamine	3.15	42	37918	7.41	ng	#	91
6) Aniline	6.52	93	157953	9.52	ng	#	74
8) 2-Chlorophenol	6.63	128	132255	10.73	ng	#	76
9) Benzaldehyde	6.41	77	92490	21.12	ng	#	75
10) Phenol	6.50	94	163523	11.53	ng		67
11) bis(2-Chloroethyl)ether	6.59	93	140366	12.64	ng		96
12) 1,3-Dichlorobenzene	6.79	146	129279	9.71	ng	#	88
13) 1,4-Dichlorobenzene	6.87	146	135835	9.92	ng	#	92
14) 1,2-Dichlorobenzene	7.02	146	142154	11.17	ng	#	89
15) Benzyl Alcohol	7.00	79	100182	13.83	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.14	45	237603	11.18	ng		75
17) 2-Methylphenol	7.11	107	95677	11.08	ng	#	83
18) Hexachloroethane	7.37	117	56485	13.13	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	117167	17.19	ng	#	72
20) 3+4-Methylphenols	7.26	107	123000	10.73	ng	#	40
22) Acetophenone	7.26	105	185730	10.05	ng	#	74
24) Nitrobenzene	7.43	77	154638	13.27	ng	#	63
25) Isophorone	7.67	82	278874	12.11	ng	#	85
26) 2-Nitrophenol	7.75	139	58642	7.81	ng	#	28
27) 2,4-Dimethylphenol	7.80	122	94540	7.07	ng	#	82
28) bis(2-Chloroethoxy)methane	7.89	93	143215	9.27	ng	#	92
29) 2,4-Dichlorophenol	8.01	162	85696	8.14	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	104297	9.21	ng		96
31) Naphthalene	8.17	128	405231	9.32	ng		99
32) Benzoic acid	7.88	122	47381	5.41	ng	#	59
33) 4-Chloroaniline	8.21	127	135647	8.12	ng	#	81
34) Hexachlorobutadiene	8.28	225	55462	11.59	ng		95
35) Caprolactam	8.54	113	24660	6.51	ng	#	65
36) 4-Chloro-3-methylphenol	8.69	107	109952	11.68	ng	#	75
37) 2-Methylnaphthalene	8.85	142	221975	8.51	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	92724	9.75	ng	#	97
40) Hexachlorocyclopentadiene	9.01	237	33334	6.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	52703	8.41	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	59345	9.09	ng	#	87
45) 1,1'-Biphenyl	9.32	154	285144	8.69	ng		96
46) 2-Chloronaphthalene	9.34	162	215519	9.70	ng	#	91
47) 2-Nitroaniline	9.43	65	67341	11.51	ng	#	48
48) Acenaphthylene	9.75	152	343428	8.74	ng		97
49) Dimethylphthalate	9.62	163	229484	10.08	ng	#	96
50) 2,6-Dinitrotoluene	9.67	165	45546	8.56	ng	#	20
51) Acenaphthene	9.93	154	226369	9.32	ng		89
52) 3-Nitroaniline	9.86	138	55413	8.37	ng	#	57
53) 2,4-Dinitrophenol	9.96	184	12297	4.21	ng	#	1
54) Dibenzofuran	10.10	168	260029	8.47	ng	#	82
55) 4-Nitrophenol	10.02	139	18340	3.45	ng	#	14
56) 2,4-Dinitrotoluene	10.09	165	50603	7.73	ng	#	81
57) Fluorene	10.44	166	230573	8.56	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	39690m	8.09	ng		
59) Diethylphthalate	10.31	149	250312	10.97	ng		95
60) 4-Chlorophenyl-phenylether	10.44	204	94641	8.89	ng		90
61) 4-Nitroaniline	10.46	138	52574	7.90	ng	#	34
62) Azobenzene	10.59	77	290539	13.91	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.49	198	22518	7.31	ng		80
65) n-Nitrosodiphenylamine	10.55	169	170937	9.04	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	46249	9.75	ng		99
67) Hexachlorobenzene	10.99	284	55402	10.84	ng	#	75
68) Atrazine	11.08	200	49776	11.45	ng		84
69) Pentachlorophenol	11.18	266	23070	7.12	ng		98
70) Phenanthrene	11.40	178	278011	8.79	ng		97
71) Anthracene	11.46	178	294393	9.39	ng		98
72) Carbazole	11.62	167	248538	8.59	ng		96
73) Di-n-butylphthalate	11.95	149	342331	9.91	ng	#	98
74) Fluoranthene	12.59	202	268177	9.94	ng		96
76) Benzidine	12.73	184	92880	10.21	ng	#	97
77) Pyrene	12.82	202	276887	9.13	ng		96
79) Butylbenzylphthalate	13.45	149	121722	8.74	ng		98
80) Benzo(a)anthracene	14.01	228	220186	9.57	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	73717	10.47	ng	#	95
82) Chrysene	14.04	228	197615m	8.85	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	193300	9.79	ng	#	91
84) Di-n-octyl phthalate	14.61	149	292539	9.91	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	167649	8.97	ng	#	95
87) Benzo(b)fluoranthene	15.04	252	150399m	8.71	ng		
88) Benzo(k)fluoranthene	15.07	252	184234m	10.40	ng		
89) Benzo(a)pyrene	15.39	252	157030	9.69	ng	#	91
90) Dibenzo(a,h)anthracene	16.86	278	140784	10.03	ng	#	87
91) Benzo(g,h,i)perylene	17.28	276	144772	10.10	ng	#	82

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

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