Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090494.D
Acq On : 11 Oct 2016 10:57
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
10/12/2016 4:08:25 PM

Quant Time: Oct 11 14:31:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 13:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	191911	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	765911	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	413249	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	686717	20.00	ng		0.00
75) Chrysene-d12	14.13	240	641721	20.00	ng		0.00
86) Perylene-d12	15.61	264	537430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	72051	5.60	ng		-0.01
7) Phenol-d6	6.57	99	88985	5.28	ng		-0.02
23) Nitrobenzene-d5	7.50	82	80823	5.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	17527	5.22	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	133833	5.40	ng		-0.01
78) Terphenyl-d14	13.07	244	144165	5.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	16185	2.55	ng	#	81
3) Pyridine	3.40	79	46632m	2.64	ng		
4) n-Nitrosodimethylamine	3.31	42	15069	2.07	ng	#	49
6) Aniline	6.60	93	54208	2.33	ng		96
8) 2-Chlorophenol	6.73	128	35140	2.48	ng		88
9) Benzaldehyde	6.50	77	28069	3.30	ng		86
10) Phenol	6.59	94	47093	2.41	ng		84
11) bis(2-Chloroethyl)ether	6.68	93	36418	2.43	ng		91
12) 1,3-Dichlorobenzene	6.89	146	37416	2.65	ng	#	88
13) 1,4-Dichlorobenzene	6.97	146	42299	2.95	ng		97
14) 1,2-Dichlorobenzene	7.13	146	35557	2.58	ng		94
15) Benzyl Alcohol	7.08	79	31773	2.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	55684	2.19	ng		90
17) 2-Methylphenol	7.19	107	27906	2.40	ng		98
18) Hexachloroethane	7.47	117	14340	2.54	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	28968	2.35	ng	#	80
20) 3+4-Methylphenols	7.35	107	39848	2.65	ng	#	61
24) Nitrobenzene	7.53	77	44364	2.84	ng		96
25) Isophorone	7.77	82	75803	2.63	ng		98
26) 2-Nitrophenol	7.85	139	16406	2.44	ng	#	76
27) 2,4-Dimethylphenol	7.88	122	30196	2.31	ng		91
28) bis(2-Chloroethoxy)methane	7.98	93	48441	2.85	ng	#	95
29) 2,4-Dichlorophenol	8.09	162	25028	2.52	ng		85
30) 1,2,4-Trichlorobenzene	8.18	180	30510	2.98	ng		97
31) Naphthalene	8.26	128	115959	3.14	ng		97
32) Benzoic acid	7.94	122	18430	2.03	ng		97
33) 4-Chloroaniline	8.30	127	46964	3.07	ng		95
34) Hexachlorobutadiene	8.38	225	17069	2.98	ng		99
35) Caprolactam	8.62	113	8381	2.51	ng	#	69
36) 4-Chloro-3-methylphenol	8.78	107	30718	2.47	ng		92
37) 2-Methylnaphthalene	8.95	142	70650	3.16	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	27345	2.51	ng	#	97
42) 2,4,6-Trichlorophenol	9.23	196	20561	2.73	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	18650	2.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.41	154	86604	2.83	ng		94
46) 2-Chloronaphthalene	9.43	162	61214	2.71	ng		97
47) 2-Nitroaniline	9.53	65	21543	2.41	ng	#	87
48) Acenaphthylene	9.86	152	101200	2.71	ng		95
49) Dimethylphthalate	9.71	163	79503	3.00	ng		97
50) 2,6-Dinitrotoluene	9.77	165	14210	2.42	ng		93
51) Acenaphthene	10.03	154	69242	2.97	ng		98
52) 3-Nitroaniline	9.94	138	20090	2.93	ng		92
54) Dibenzofuran	10.20	168	93238	3.09	ng		98
56) 2,4-Dinitrotoluene	10.17	165	17333	2.22	ng	#	13
57) Fluorene	10.54	166	73715	2.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	14265	2.69	ng	#	78
59) Diethylphthalate	10.41	149	73255	2.68	ng	#	88
60) 4-Chlorophenyl-phenylether	10.53	204	30142	2.62	ng	#	85
61) 4-Nitroaniline	10.54	138	19505	2.82	ng		92
62) Azobenzene	10.69	77	87201	2.76	ng		88
65) n-Nitrosodiphenylamine	10.65	169	59168	2.57	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	17286	2.57	ng	#	82
67) Hexachlorobenzene	11.09	284	21165	2.82	ng	#	91
68) Atrazine	11.17	200	18519	3.26	ng		99
70) Phenanthrene	11.50	178	107690	3.06	ng		95
71) Anthracene	11.56	178	102882	2.87	ng		94
72) Carbazole	11.71	167	101148	3.03	ng		96
73) Di-n-butylphthalate	12.04	149	109982	2.71	ng		98
74) Fluoranthene	12.69	202	101484	2.94	ng		98
76) Benzidine	12.82	184	49844	2.95	ng		98
77) Pyrene	12.92	202	104418	2.44	ng		96
79) Butylbenzylphthalate	13.55	149	47050	2.14	ng		94
80) Benzo(a)anthracene	14.12	228	100770	2.80	ng		96
81) 3,3'-Dichlorobenzidine	14.08	252	33284	2.55	ng	#	95
82) Chrysene	14.16	228	91203	2.75	ng		94
83) Bis(2-ethylhexyl)phthalate	14.11	149	73888	2.37	ng	#	94
84) Di-n-octyl phthalate	14.73	149	104953	2.27	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.07	276	68754	2.91	ng		97
87) Benzo(b)fluoranthene	15.16	252	90980	2.66	ng	#	93
88) Benzo(k)fluoranthene	15.20	252	72999m	2.27	ng		
89) Benzo(a)pyrene	15.54	252	72650	2.46	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	59697	2.38	ng		97
91) Benzo(g,h,i)perylene	17.50	276	57203	2.37	ng	#	94

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

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