Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086415.D
Acq On : 27 Apr 2016 10:56
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
4/28/2016 1:39:54 PM

Quant Time: Apr 27 12:54:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 12:41:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135187	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	600493	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	284382	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	564666	20.00	ng		0.00
75) Chrysene-d12	13.95	240	425729	20.00	ng		-0.01
86) Perylene-d12	15.36	264	345871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	165112	21.09	ng		-0.01
7) Phenol-d6	6.43	99	245077	23.03	ng		-0.01
23) Nitrobenzene-d5	7.37	82	237142	23.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	67108	26.07	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	425027	25.50	ng		-0.01
78) Terphenyl-d14	12.90	244	422927	24.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	42041	9.71	ng	#	74
3) Pyridine	3.08	79	92066	8.93	ng	#	71
4) n-Nitrosodimethylamine	3.00	42	47287	12.84	ng	#	62
6) Aniline	6.46	93	134059	10.32	ng		90
8) 2-Chlorophenol	6.58	128	106656	11.16	ng		90
9) Benzaldehyde	6.35	77	74844	11.58	ng		90
10) Phenol	6.44	94	136124	10.83	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	116521	10.65	ng		90
12) 1,3-Dichlorobenzene	6.74	146	113577m	11.14	ng		
13) 1,4-Dichlorobenzene	6.82	146	119931	10.71	ng		96
14) 1,2-Dichlorobenzene	6.97	146	118004	11.60	ng		97
15) Benzyl Alcohol	6.94	79	71516	11.32	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	224220	15.63	ng		89
17) 2-Methylphenol	7.06	107	85686	10.94	ng		96
18) Hexachloroethane	7.31	117	41084	10.89	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	78724	12.38	ng	#	87
20) 3+4-Methylphenols	7.21	107	97406	11.73	ng	#	86
22) Acetophenone	7.21	105	139554	11.08	ng	#	82
24) Nitrobenzene	7.38	77	119755	11.01	ng		93
25) Isophorone	7.62	82	208089	10.47	ng		96
26) 2-Nitrophenol	7.71	139	46600	8.67	ng		94
27) 2,4-Dimethylphenol	7.74	122	95016	10.33	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	118339	10.67	ng		100
29) 2,4-Dichlorophenol	7.95	162	79972	10.52	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	96706	11.71	ng		98
31) Naphthalene	8.11	128	353267	11.55	ng		99
32) Benzoic acid	7.82	122	18401	3.13	ng	#	85
33) 4-Chloroaniline	8.17	127	115750	9.71	ng		98
34) Hexachlorobutadiene	8.24	225	51701	12.53	ng		98
35) Caprolactam	8.50	113	24733	9.06	ng	#	58
36) 4-Chloro-3-methylphenol	8.64	107	86834	9.61	ng		88
37) 2-Methylnaphthalene	8.80	142	189685	10.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	94934	12.90	ng		99
40) Hexachlorocyclopentadiene	8.96	237	38238	10.64	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	56212	11.65	ng		94
43) 2,4,5-Trichlorophenol	9.12	196	58055	9.77	ng	#	94
45) 1,1'-Biphenyl	9.26	154	277807	12.59	ng		97
46) 2-Chloronaphthalene	9.29	162	204767	11.73	ng		96
47) 2-Nitroaniline	9.39	65	58927	10.84	ng		97
48) Acenaphthylene	9.70	152	324853	11.47	ng		99
49) Dimethylphthalate	9.56	163	236312	11.50	ng		100
50) 2,6-Dinitrotoluene	9.63	165	46217	10.41	ng	#	79
51) Acenaphthene	9.87	154	207850	11.95	ng		99
52) 3-Nitroaniline	9.79	138	53950	9.71	ng		82
53) 2,4-Dinitrophenol	9.90	184	10061	4.36	ng	#	59
54) Dibenzofuran	10.04	168	252078	11.28	ng		97
55) 4-Nitrophenol	9.95	139	27139	6.98	ng	#	61
56) 2,4-Dinitrotoluene	10.03	165	60633	10.29	ng	#	79
57) Fluorene	10.38	166	225035	12.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	48146	11.09	ng	#	93
59) Diethylphthalate	10.26	149	215155	10.94	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	103913	12.98	ng	#	83
61) 4-Nitroaniline	10.41	138	52618	9.25	ng		88
62) Azobenzene	10.54	77	240928	11.81	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	25671	7.44	ng	#	70
65) n-Nitrosodiphenylamine	10.50	169	188566	10.83	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	58321	10.55	ng	#	83
67) Hexachlorobenzene	10.93	284	69460	11.77	ng	#	90
68) Atrazine	11.02	200	59874	11.14	ng		95
69) Pentachlorophenol	11.13	266	27280	7.87	ng		98
70) Phenanthrene	11.34	178	319605	11.26	ng		99
71) Anthracene	11.40	178	335298	10.31	ng		98
72) Carbazole	11.55	167	290248	9.51	ng		100
73) Di-n-butylphthalate	11.89	149	335332	10.44	ng		98
74) Fluoranthene	12.52	202	316690	10.35	ng		96
76) Benzidine	12.66	184	167551	9.60	ng		96
77) Pyrene	12.75	202	315250	10.62	ng		100
79) Butylbenzylphthalate	13.38	149	133006	9.62	ng	#	77
80) Benzo(a)anthracene	13.94	228	243699	11.03	ng		98
81) 3,3'-Dichlorobenzidine	13.90	252	169486	11.12	ng		100
82) Chrysene	13.97	228	274712	11.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	174344	11.26	ng	#	95
84) Di-n-octyl phthalate	14.56	149	254486	8.56	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.71	276	175780	7.94	ng		97
87) Benzo(b)fluoranthene	14.96	252	184935m	9.74	ng		
88) Benzo(k)fluoranthene	14.98	252	251214m	13.48	ng		
89) Benzo(a)pyrene	15.30	252	195758	10.45	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	146136	9.46	ng		96
91) Benzo(g,h,i)perylene	17.11	276	141143	8.85	ng		97

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

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