Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086853.D
Acq On : 10 May 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/11/2016 8:14:43 PM

Quant Time: May 10 13:29:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	189946	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	818031	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	383057	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	727351	20.00	ng		0.00
75) Chrysene-d12	13.84	240	545258	20.00	ng		0.00
86) Perylene-d12	15.21	264	455041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	917614	81.81	ng		-0.01
7) Phenol-d6	6.35	99	1124514	75.02	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1184665	72.72	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	330730	81.55	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1941232	85.17	ng		0.00
78) Terphenyl-d14	12.78	244	1664905	64.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	232949	42.31	ng	#	72
3) Pyridine	2.84	79	580422	43.12	ng	#	64
4) n-Nitrosodimethylamine	2.81	42	399982	40.98	ng	#	50
6) Aniline	6.36	93	706936	38.99	ng	#	13
8) 2-Chlorophenol	6.48	128	539798	39.89	ng		90
9) Benzaldehyde	6.24	77	309761	35.69	ng		98
10) Phenol	6.36	94	646666	36.30	ng	#	46
11) bis(2-Chloroethyl)ether	6.43	93	519876	37.42	ng		84
12) 1,3-Dichlorobenzene	6.62	146	579570	39.57	ng	#	95
13) 1,4-Dichlorobenzene	6.70	146	590513	39.54	ng		96
14) 1,2-Dichlorobenzene	6.85	146	461721m	35.47	ng		
15) Benzyl Alcohol	6.85	79	435776	42.10	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1196759	39.62	ng		95
17) 2-Methylphenol	6.97	107	410701	38.14	ng	#	80
18) Hexachloroethane	7.20	117	224936	40.03	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	400951	38.27	ng	#	64
20) 3+4-Methylphenols	7.13	107	540688	38.44	ng	#	62
22) Acetophenone	7.12	105	770333	39.87	ng	#	97
24) Nitrobenzene	7.29	77	693283	41.37	ng		90
25) Isophorone	7.53	82	1184545	39.19	ng		97
26) 2-Nitrophenol	7.60	139	279465	37.94	ng	#	72
27) 2,4-Dimethylphenol	7.65	122	508296	40.51	ng		91
28) bis(2-Chloroethoxy)methane	7.74	93	646167	39.63	ng		99
29) 2,4-Dichlorophenol	7.85	162	443442	40.15	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	464232	37.59	ng		95
31) Naphthalene	8.00	128	1455587	35.53	ng		98
32) Benzoic acid	7.81	122	334436	45.38	ng	#	81
33) 4-Chloroaniline	8.06	127	626681	39.36	ng		99
34) Hexachlorobutadiene	8.11	225	263609	36.79	ng		99
35) Caprolactam	8.45	113	132714	35.32	ng	#	49
36) 4-Chloro-3-methylphenol	8.56	107	476097	35.54	ng		91
37) 2-Methylnaphthalene	8.68	142	963755	40.23	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	428033	38.43	ng		98
40) Hexachlorocyclopentadiene	8.84	237	238786	45.17	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	311080	41.77	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	310556	40.32	ng		95
45) 1,1'-Biphenyl	9.15	154	1126746	36.98	ng		95
46) 2-Chloronaphthalene	9.17	162	903253	37.84	ng		93
47) 2-Nitroaniline	9.29	65	402169	46.10	ng		86
48) Acenaphthylene	9.58	152	1335481	38.04	ng		99
49) Dimethylphthalate	9.47	163	1198601	41.01	ng		99
50) 2,6-Dinitrotoluene	9.53	165	238045	38.70	ng	#	85
51) Acenaphthene	9.76	154	833656	38.17	ng		99
52) 3-Nitroaniline	9.70	138	258634	39.95	ng		85
53) 2,4-Dinitrophenol	9.80	184	131955	45.64	ng	#	69
54) Dibenzofuran	9.93	168	1063390	37.93	ng		93
55) 4-Nitrophenol	9.88	139	171269	41.97	ng	#	73
56) 2,4-Dinitrotoluene	9.93	165	265233	34.85	ng	#	63
57) Fluorene	10.27	166	831547	34.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	230361	39.73	ng		98
59) Diethylphthalate	10.16	149	1006083	35.33	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	476574	46.09	ng	#	85
61) 4-Nitroaniline	10.32	138	259117	41.67	ng	#	71
62) Azobenzene	10.43	77	1236903	40.26	ng		88
64) 4,6-Dinitro-2-methylphenol	10.34	198	195858	43.35	ng	#	67
65) n-Nitrosodiphenylamine	10.40	169	906197	40.55	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	270063	36.62	ng		92
67) Hexachlorobenzene	10.82	284	347076	40.27	ng	#	91
68) Atrazine	10.92	200	240462	32.21	ng		96
69) Pentachlorophenol	11.01	266	172082	43.20	ng		98
70) Phenanthrene	11.23	178	1529107	39.39	ng		99
71) Anthracene	11.28	178	1351249	34.04	ng		100
72) Carbazole	11.44	167	1266219	37.10	ng		98
73) Di-n-butylphthalate	11.78	149	1655922	39.74	ng		99
74) Fluoranthene	12.41	202	1348745	33.78	ng		98
76) Benzidine	12.54	184	575970	41.44	ng		97
77) Pyrene	12.64	202	1490964	35.72	ng		99
79) Butylbenzylphthalate	13.27	149	719869	40.77	ng	#	87
80) Benzo(a)anthracene	13.83	228	1111282	36.31	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	729754	37.52	ng		99
82) Chrysene	13.86	228	1140719	36.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	852216	40.12	ng	#	99
84) Di-n-octyl phthalate	14.43	149	1418761	40.33	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	908879	35.08	ng		96
87) Benzo(b)fluoranthene	14.83	252	1262817m	42.70	ng		
88) Benzo(k)fluoranthene	14.85	252	828383m	34.21	ng		
89) Benzo(a)pyrene	15.15	252	936950	36.73	ng		99
90) Dibenzo(a,h)anthracene	16.51	278	753323	35.04	ng	#	93
91) Benzo(g,h,i)perylene	16.88	276	761060	34.84	ng		95

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

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