Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089198.D
Acq On : 22 Jul 2016 16:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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7/25/2016 6:41:23 PM

Quant Time: Jul 22 19:38:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44130	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	185473	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	87574	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	175191	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	126647	20.00	ng		-0.01
86) Perylene-d12	15.05	264	95993	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	229289	79.02	ng		-0.03
7) Phenol-d6	6.24	99	287411	76.81	ng		-0.03
23) Nitrobenzene-d5	7.15	82	273301	78.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	61580	78.10	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	519910	81.80	ng		-0.02
78) Terphenyl-d14	12.67	244	483292	82.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	53287	42.29	ng		99
3) Pyridine	2.62	79	121694	38.02	ng		98
4) n-Nitrosodimethylamine	2.58	42	46973	34.86	ng		99
6) Aniline	6.25	93	177028	35.02	ng	#	51
8) 2-Chlorophenol	6.36	128	130207	40.44	ng		87
9) Benzaldehyde	6.12	77	78527	39.86	ng		98
10) Phenol	6.25	94	168639	39.12	ng	#	71
11) bis(2-Chloroethyl)ether	6.33	93	136627	42.20	ng		99
12) 1,3-Dichlorobenzene	6.51	146	132737	37.33	ng		99
13) 1,4-Dichlorobenzene	6.59	146	143256	40.01	ng		99
14) 1,2-Dichlorobenzene	6.75	146	142503	42.21	ng		99
15) Benzyl Alcohol	6.74	79	102276	37.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	153857	41.71	ng		81
17) 2-Methylphenol	6.87	107	94948	37.44	ng		98
18) Hexachloroethane	7.08	117	54320	40.36	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	98365	40.19	ng		98
20) 3+4-Methylphenols	7.03	107	125696	36.51	ng		93
22) Acetophenone	7.00	105	199154	40.21	ng		99
24) Nitrobenzene	7.18	77	149143	40.51	ng		96
25) Isophorone	7.42	82	255766	39.76	ng		98
26) 2-Nitrophenol	7.50	139	66915	38.97	ng	#	75
27) 2,4-Dimethylphenol	7.54	122	106576	36.84	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	158278	39.33	ng		99
29) 2,4-Dichlorophenol	7.74	162	103406	39.66	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	116681	40.43	ng		98
31) Naphthalene	7.88	128	367814	36.74	ng		99
32) Benzoic acid	7.70	122	85272	38.33	ng		98
33) 4-Chloroaniline	7.95	127	164180	39.00	ng		96
34) Hexachlorobutadiene	8.01	225	58716	36.55	ng		100
35) Caprolactam	8.33	113	32060	39.60	ng	#	88
36) 4-Chloro-3-methylphenol	8.44	107	127271	40.52	ng		100
37) 2-Methylnaphthalene	8.58	142	256110	40.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	131366	40.36	ng		98
40) Hexachlorocyclopentadiene	8.73	237	32399	35.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	71563	39.28	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	73935	40.43	ng		97
45) 1,1'-Biphenyl	9.05	154	322671	40.91	ng		95
46) 2-Chloronaphthalene	9.06	162	238476	39.79	ng		98
47) 2-Nitroaniline	9.18	65	81922	39.85	ng	#	75
48) Acenaphthylene	9.47	152	368192	39.08	ng		100
49) Dimethylphthalate	9.36	163	285678	42.51	ng		99
50) 2,6-Dinitrotoluene	9.42	165	60834	40.10	ng	#	77
51) Acenaphthene	9.64	154	208083	37.33	ng		100
52) 3-Nitroaniline	9.59	138	72752	40.38	ng		91
53) 2,4-Dinitrophenol	9.70	184	27356	40.12	ng		91
54) Dibenzofuran	9.82	168	298868	39.68	ng		98
55) 4-Nitrophenol	9.77	139	42007m	38.53	ng		
56) 2,4-Dinitrotoluene	9.82	165	77154	39.48	ng	#	84
57) Fluorene	10.16	166	258128	40.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	56504	43.02	ng		99
59) Diethylphthalate	10.06	149	274080	41.13	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	122203	41.87	ng	#	83
61) 4-Nitroaniline	10.20	138	71863	40.99	ng		90
62) Azobenzene	10.32	77	304784	42.08	ng		90
64) 4,6-Dinitro-2-methylphenol	10.23	198	43868	43.01	ng		77
65) n-Nitrosodiphenylamine	10.28	169	238854	40.79	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	64650	37.29	ng	#	83
67) Hexachlorobenzene	10.71	284	76559	41.06	ng	#	87
68) Atrazine	10.81	200	63031	34.42	ng		99
69) Pentachlorophenol	10.90	266	35207	40.93	ng		100
70) Phenanthrene	11.11	178	362042	37.67	ng		99
71) Anthracene	11.16	178	414124	41.46	ng		99
72) Carbazole	11.32	167	354332	40.38	ng		99
73) Di-n-butylphthalate	11.67	149	467087	43.04	ng		99
74) Fluoranthene	12.29	202	397302	39.33	ng		98
76) Benzidine	12.42	184	153428	35.24	ng		99
77) Pyrene	12.51	202	389008	37.19	ng		99
79) Butylbenzylphthalate	13.15	149	180395	40.77	ng	#	78
80) Benzo(a)anthracene	13.70	228	303968	37.68	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	102004	38.12	ng	#	97
82) Chrysene	13.74	228	303998	39.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	244988	41.75	ng	#	97
84) Di-n-octyl phthalate	14.32	149	367871	37.99	ng		97
85) Indeno(1,2,3-cd)pyrene	16.27	276	198646	35.50	ng		100
87) Benzo(b)fluoranthene	14.70	252	260475m	37.46	ng		
88) Benzo(k)fluoranthene	14.72	252	225690m	45.39	ng		
89) Benzo(a)pyrene	15.01	252	218893	40.56	ng	#	94
90) Dibenzo(a,h)anthracene	16.29	278	173661	40.75	ng	#	96
91) Benzo(g,h,i)perylene	16.63	276	169733	39.50	ng		96

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

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