Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089220.D
Acq On : 23 Jul 2016 6:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/25/2016 6:42:59 PM

Quant Time: Jul 25 04:28:50 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	45707	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	187154	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	89700	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	175139	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	121590	20.00	ng		-0.01
86) Perylene-d12	15.05	264	94304	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	226879	75.49	ng		-0.03
7) Phenol-d6	6.24	99	295479	76.24	ng		-0.03
23) Nitrobenzene-d5	7.15	82	274435	77.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	62829	77.80	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	549319	84.38	ng		-0.02
78) Terphenyl-d14	12.67	244	464289	82.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	48789	37.39	ng		94
3) Pyridine	2.62	79	123981	37.40	ng		99
4) n-Nitrosodimethylamine	2.58	42	46182	33.09	ng		100
6) Aniline	6.25	93	187501	35.81	ng	#	67
8) 2-Chlorophenol	6.36	128	133690	40.09	ng		91
9) Benzaldehyde	6.12	77	68884	32.15	ng		98
10) Phenol	6.25	94	177048	39.65	ng	#	71
11) bis(2-Chloroethyl)ether	6.33	93	135094	40.29	ng		98
12) 1,3-Dichlorobenzene	6.51	146	135936	36.91	ng		98
13) 1,4-Dichlorobenzene	6.59	146	147565	39.79	ng		100
14) 1,2-Dichlorobenzene	6.75	146	144949	41.45	ng		99
15) Benzyl Alcohol	6.74	79	97657	34.41	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.87	45	152148	39.82	ng	#	72
17) 2-Methylphenol	6.86	107	95536	36.37	ng		96
18) Hexachloroethane	7.08	117	54565	39.14	ng		100
19) n-Nitroso-di-n-propylamine	7.02	70	97220	38.35	ng		99
20) 3+4-Methylphenols	7.02	107	130967	36.72	ng	#	79
22) Acetophenone	7.00	105	200688	40.16	ng		99
24) Nitrobenzene	7.18	77	147615	39.74	ng		97
25) Isophorone	7.42	82	254674	39.23	ng		99
26) 2-Nitrophenol	7.50	139	66531	38.40	ng	#	79
27) 2,4-Dimethylphenol	7.54	122	109505	37.51	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	165337	40.72	ng		99
29) 2,4-Dichlorophenol	7.74	162	108293	41.16	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	118567	40.71	ng		99
31) Naphthalene	7.88	128	369344	36.57	ng		99
32) Benzoic acid	7.70	122	81118	36.13	ng		94
33) 4-Chloroaniline	7.95	127	166402	39.17	ng		97
34) Hexachlorobutadiene	8.01	225	64910	40.05	ng		99
35) Caprolactam	8.33	113	33100	40.51	ng		88
36) 4-Chloro-3-methylphenol	8.44	107	128149	40.43	ng		96
37) 2-Methylnaphthalene	8.58	142	253128	39.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	128330	38.49	ng		99
40) Hexachlorocyclopentadiene	8.73	237	34661	36.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67555	36.20	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	74390	39.71	ng		98
45) 1,1'-Biphenyl	9.05	154	312229	38.65	ng		95
46) 2-Chloronaphthalene	9.06	162	236698	38.56	ng		99
47) 2-Nitroaniline	9.18	65	79614	37.81	ng	#	72
48) Acenaphthylene	9.47	152	392947	40.72	ng		100
49) Dimethylphthalate	9.36	163	282330	41.02	ng		99
50) 2,6-Dinitrotoluene	9.42	165	63072	40.59	ng	#	88
51) Acenaphthene	9.64	154	217046	38.02	ng		99
52) 3-Nitroaniline	9.59	138	71944	38.98	ng		88
53) 2,4-Dinitrophenol	9.70	184	20312	31.43	ng		90
54) Dibenzofuran	9.82	168	301486	39.08	ng		99
55) 4-Nitrophenol	9.77	139	37827m	33.88	ng		
56) 2,4-Dinitrotoluene	9.82	165	78744	39.34	ng		89
57) Fluorene	10.16	166	269836	41.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	51581m	38.34	ng		
59) Diethylphthalate	10.04	149	266811	39.09	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	120942	40.46	ng	#	89
61) 4-Nitroaniline	10.20	138	72057	40.13	ng		91
62) Azobenzene	10.32	77	300342	40.49	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	41971	41.16	ng		81
65) n-Nitrosodiphenylamine	10.28	169	227978	38.95	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	69556	40.13	ng		91
67) Hexachlorobenzene	10.71	284	71170	38.18	ng	#	94
68) Atrazine	10.81	200	70319	38.42	ng		99
69) Pentachlorophenol	10.90	266	33447	38.89	ng		97
70) Phenanthrene	11.11	178	356091	37.06	ng		99
71) Anthracene	11.16	178	415827	41.64	ng		99
72) Carbazole	11.32	167	364349	41.54	ng		99
73) Di-n-butylphthalate	11.67	149	426269	39.29	ng	#	98
74) Fluoranthene	12.29	202	387281	38.35	ng		99
76) Benzidine	12.42	184	153204	36.65	ng		100
77) Pyrene	12.51	202	420611	41.89	ng		100
79) Butylbenzylphthalate	13.14	149	171209	40.31	ng		91
80) Benzo(a)anthracene	13.69	228	295403	38.15	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	101597	39.55	ng	#	97
82) Chrysene	13.74	228	310218	41.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	233154	41.38	ng	#	95
84) Di-n-octyl phthalate	14.32	149	375617	40.40	ng		100
85) Indeno(1,2,3-cd)pyrene	16.26	276	202222	37.64	ng		99
87) Benzo(b)fluoranthene	14.70	252	282116m	41.30	ng		
88) Benzo(k)fluoranthene	14.72	252	200455m	41.04	ng		
89) Benzo(a)pyrene	14.99	252	215175	40.58	ng		98
90) Dibenzo(a,h)anthracene	16.27	278	175328	41.88	ng	#	94
91) Benzo(g,h,i)perylene	16.63	276	175214	41.51	ng		99

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

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