Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089295.D
Acq On : 26 Jul 2016 1:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 02:26:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	55479	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	234522	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	101764	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	166333	20.00	ng		-0.01
75) Chrysene-d12	13.69	240	106572	20.00	ng		0.00
86) Perylene-d12	15.03	264	98547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	281965	77.30	ng		-0.01
7) Phenol-d6	6.23	99	364236	77.43	ng		0.00
23) Nitrobenzene-d5	7.14	82	344413	78.03	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	64251	70.13	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	627729	84.99	ng		0.00
78) Terphenyl-d14	12.65	244	413467	84.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	64153	40.50	ng		96
3) Pyridine	2.57	79	158727	39.45	ng		99
4) n-Nitrosodimethylamine	2.55	42	58689	34.65	ng		98
6) Aniline	6.23	93	234022	36.82	ng		98
8) 2-Chlorophenol	6.35	128	162705	40.19	ng		98
9) Benzaldehyde	6.10	77	86348	33.48	ng		91
10) Phenol	6.24	94	226912	41.87	ng		91
11) bis(2-Chloroethyl)ether	6.31	93	161997	39.80	ng		91
12) 1,3-Dichlorobenzene	6.50	146	173313m	38.77	ng		
13) 1,4-Dichlorobenzene	6.58	146	188947	41.97	ng		96
14) 1,2-Dichlorobenzene	6.73	146	162286	38.23	ng		93
15) Benzyl Alcohol	6.72	79	122177	35.47	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	179672	38.74	ng	#	62
17) 2-Methylphenol	6.84	107	113740	35.67	ng		99
18) Hexachloroethane	7.07	117	65967	38.98	ng	#	88
19) n-Nitroso-di-n-propylamine	7.00	70	116846	37.98	ng		97
20) 3+4-Methylphenols	7.00	107	155703	35.97	ng		89
22) Acetophenone	6.99	105	240114	38.34	ng	#	96
24) Nitrobenzene	7.16	77	164342	35.30	ng		98
25) Isophorone	7.40	82	308407	37.91	ng		99
26) 2-Nitrophenol	7.47	139	78883	36.33	ng		91
27) 2,4-Dimethylphenol	7.53	122	136920	37.43	ng		96
28) bis(2-Chloroethoxy)methane	7.62	93	210837	41.44	ng		100
29) 2,4-Dichlorophenol	7.72	162	128241	38.90	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	136931	37.52	ng	#	96
31) Naphthalene	7.87	128	476685	37.66	ng		100
32) Benzoic acid	7.69	122	84225	29.94	ng		94
33) 4-Chloroaniline	7.93	127	195111	36.66	ng	#	87
34) Hexachlorobutadiene	8.00	225	76777	37.80	ng		99
35) Caprolactam	8.32	113	35802	34.97	ng		98
36) 4-Chloro-3-methylphenol	8.43	107	146584	36.90	ng		89
37) 2-Methylnaphthalene	8.56	142	267584	33.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	152821	40.40	ng		98
40) Hexachlorocyclopentadiene	8.72	237	10694	16.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	79057	37.34	ng		95
43) 2,4,5-Trichlorophenol	8.89	196	86492	40.70	ng	#	85
45) 1,1'-Biphenyl	9.03	154	370720	40.45	ng		99
46) 2-Chloronaphthalene	9.05	162	291073	41.80	ng		97
47) 2-Nitroaniline	9.15	65	93914	39.31	ng		98
48) Acenaphthylene	9.46	152	432685	39.52	ng		98
49) Dimethylphthalate	9.34	163	300520	38.48	ng		99
50) 2,6-Dinitrotoluene	9.40	165	65397	37.09	ng		89
51) Acenaphthene	9.63	154	255456	39.44	ng		99
52) 3-Nitroaniline	9.56	138	80512	38.45	ng	#	71
53) 2,4-Dinitrophenol	9.69	184	8868	17.34	ng	#	81
54) Dibenzofuran	9.80	168	338418	38.67	ng		94
55) 4-Nitrophenol	9.75	139	35965m	28.39	ng		
56) 2,4-Dinitrotoluene	9.80	165	84826	37.35	ng	#	83
57) Fluorene	10.14	166	263612	35.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	56011m	36.70	ng		
59) Diethylphthalate	10.03	149	328994	42.49	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	127903	37.71	ng	#	75
61) 4-Nitroaniline	10.18	138	78160	38.37	ng		94
62) Azobenzene	10.30	77	334366	39.73	ng		95
64) 4,6-Dinitro-2-methylphenol	10.22	198	20565	21.24	ng		94
65) n-Nitrosodiphenylamine	10.26	169	260374	46.84	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	71690	43.55	ng	#	80
67) Hexachlorobenzene	10.68	284	73465	41.50	ng	#	73
68) Atrazine	10.79	200	69604	40.04	ng		97
69) Pentachlorophenol	10.88	266	30386	37.20	ng		99
70) Phenanthrene	11.10	178	359847	39.44	ng		99
71) Anthracene	11.14	178	397621	41.93	ng		99
72) Carbazole	11.30	167	328568	39.44	ng		99
73) Di-n-butylphthalate	11.65	149	468445	45.46	ng		99
74) Fluoranthene	12.27	202	340486	35.50	ng		93
76) Benzidine	12.41	184	161852	44.17	ng		99
77) Pyrene	12.49	202	334775	38.04	ng		99
79) Butylbenzylphthalate	13.13	149	162316	43.60	ng	#	81
80) Benzo(a)anthracene	13.68	228	252972	37.27	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	97178	43.16	ng	#	98
82) Chrysene	13.71	228	274254	42.30	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	222029	44.96	ng	#	96
84) Di-n-octyl phthalate	14.30	149	354312	43.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.24	276	214056	45.46	ng		99
87) Benzo(b)fluoranthene	14.67	252	247670m	34.70	ng		
88) Benzo(k)fluoranthene	14.70	252	227409m	44.55	ng		
89) Benzo(a)pyrene	14.97	252	225636	40.72	ng		100
90) Dibenzo(a,h)anthracene	16.25	278	190427	43.53	ng		98
91) Benzo(g,h,i)perylene	16.59	276	179370	40.66	ng		96

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

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