Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089482.D
Acq On : 31 Jul 2016 20:48
Operator : UM/SJ
Sample : H4251-07MSD 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSS-1MSD

Manual Integrations APPROVED
sohil
8/1/2016 7:17:20 PM

Quant Time: Aug 01 06:44:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	33603	20.00	ng		-0.01
21) Naphthalene-d8	7.78	136	108166	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	44556	20.00	ng		-0.01
63) Phenanthrene-d10	10.99	188	85555	20.00	ng		-0.01
75) Chrysene-d12	13.61	240	98693	20.00	ng		-0.01
86) Perylene-d12	14.94	264	79409	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	56201	26.71	ng		0.00
7) Phenol-d6	6.16	99	64072	23.04	ng		-0.01
23) Nitrobenzene-d5	7.06	82	44377	24.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	9830	26.64	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	73954	24.36	ng		-0.01
78) Terphenyl-d14	12.57	244	71492	16.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	7635	4.93	ng		91
3) Pyridine	2.51	79	12087	5.87	ng	#	81
4) n-Nitrosodimethylamine	2.48	42	4011	11.70	ng	#	70
6) Aniline	6.17	93	13348	4.44	ng	#	15
8) 2-Chlorophenol	6.28	128	20852	8.76	ng		94
9) Benzaldehyde	6.04	77	10146	7.47	ng		98
10) Phenol	6.17	94	27161	8.85	ng		99
11) bis(2-Chloroethyl)ether	6.24	93	24686	9.47	ng		99
12) 1,3-Dichlorobenzene	6.43	146	20964m	8.42	ng		
13) 1,4-Dichlorobenzene	6.51	146	25072	9.12	ng		96
14) 1,2-Dichlorobenzene	6.66	146	23672	9.20	ng		98
15) Benzyl Alcohol	6.66	79	15785	9.15	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.79	45	25581	8.99	ng		91
17) 2-Methylphenol	6.79	107	13712	7.45	ng	#	78
18) Hexachloroethane	7.00	117	7693	7.30	ng	#	79
19) n-Nitroso-di-n-propylamine	6.91	70	15172	9.05	ng	#	86
20) 3+4-Methylphenols	6.95	107	16038	6.79	ng		91
22) Acetophenone	6.91	105	27305	10.60	ng	#	91
24) Nitrobenzene	7.08	77	22206	10.65	ng		92
25) Isophorone	7.32	82	39184	10.61	ng		97
26) 2-Nitrophenol	7.40	139	7979	8.56	ng	#	76
27) 2,4-Dimethylphenol	7.46	122	15989	10.76	ng		99
28) bis(2-Chloroethoxy)methane	7.55	93	22118	10.82	ng		96
29) 2,4-Dichlorophenol	7.67	162	12273	9.07	ng		97
30) 1,2,4-Trichlorobenzene	7.72	180	16752	10.85	ng		93
31) Naphthalene	7.80	128	55807	10.42	ng		99
32) Benzoic acid	7.46	122	15989	15.45	ng	#	14
33) 4-Chloroaniline	7.88	127	13348	6.55	ng		98
34) Hexachlorobutadiene	7.92	225	8830	9.98	ng		97
35) Caprolactam	8.20	113	3043	7.45	ng		97
36) 4-Chloro-3-methylphenol	8.36	107	13675	8.50	ng		95
37) 2-Methylnaphthalene	8.49	142	33572	10.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	11612	7.45	ng	#	97
42) 2,4,6-Trichlorophenol	8.79	196	7383	9.96	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.83	196	8399	8.94	ng		97
45) 1,1'-Biphenyl	8.96	154	32905	8.67	ng		95
46) 2-Chloronaphthalene	8.97	162	28718	10.08	ng		97
47) 2-Nitroaniline	9.08	65	8704	10.32	ng	#	70
48) Acenaphthylene	9.38	152	47041	10.48	ng		99
49) Dimethylphthalate	9.26	163	40313	11.89	ng		97
50) 2,6-Dinitrotoluene	9.32	165	6202	8.90	ng	#	90
51) Acenaphthene	9.55	154	27215	10.38	ng		99
52) 3-Nitroaniline	9.51	138	6379	8.68	ng	#	90
54) Dibenzofuran	9.72	168	40036	11.21	ng		95
55) 4-Nitrophenol	9.71	139	2691m	13.12	ng		
56) 2,4-Dinitrotoluene	9.74	165	6834	7.45	ng	#	80
57) Fluorene	10.07	166	30011	9.63	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	6389m	10.19	ng		
59) Diethylphthalate	9.95	149	35291	10.27	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	13789	9.64	ng		92
61) 4-Nitroaniline	10.11	138	5454	7.20	ng		91
62) Azobenzene	10.23	77	36627	10.35	ng		87
65) n-Nitrosodiphenylamine	10.18	169	26932	10.09	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	7701	9.43	ng	#	82
67) Hexachlorobenzene	10.60	284	7539	9.01	ng	#	80
68) Atrazine	10.72	200	7760	9.46	ng		98
69) Pentachlorophenol	10.81	266	6520	20.92	ng		96
70) Phenanthrene	11.02	178	47579	10.78	ng		99
71) Anthracene	11.07	178	51385	10.47	ng		98
72) Carbazole	11.23	167	44969	10.89	ng		98
73) Di-n-butylphthalate	11.58	149	59840	10.80	ng	#	98
74) Fluoranthene	12.19	202	57450	12.38	ng		98
77) Pyrene	12.42	202	58896	7.87	ng		100
79) Butylbenzylphthalate	13.05	149	28638	8.42	ng	#	84
80) Benzo(a)anthracene	13.60	228	53466	9.60	ng		100
81) 3,3'-Dichlorobenzidine	13.58	252	13785	6.88	ng	#	98
82) Chrysene	13.63	228	56787	9.58	ng		98
83) Bis(2-ethylhexyl)phthalate	13.62	149	45223	9.20	ng	#	98
84) Di-n-octyl phthalate	14.23	149	83155	10.84	ng		98
85) Indeno(1,2,3-cd)pyrene	16.11	276	37829	8.97	ng		99
87) Benzo(b)fluoranthene	14.59	252	45349m	9.20	ng		
88) Benzo(k)fluoranthene	14.62	252	55448m	12.23	ng		
89) Benzo(a)pyrene	14.89	252	45510	10.29	ng		99
90) Dibenzo(a,h)anthracene	16.13	278	31689	9.09	ng		97
91) Benzo(g,h,i)perylene	16.46	276	29556	8.63	ng		97

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

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