Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088615.D
Acq On : 2 Jul 2016 14:15
Operator : UM/SJ
Sample : H3871-11MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Manual Integrations
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7/5/2016 7:36:43 PM

Quant Time: Jul 03 03:21:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110289	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	461500	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	192240	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	340772	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	199615	20.00	ng		-0.02
86) Perylene-d12	15.33	264	228173	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	730882	99.32	ng		-0.01
7) Phenol-d6	6.43	99	1035860	108.94	ng		-0.01
23) Nitrobenzene-d5	7.36	82	678674	77.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	194046	108.70	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1054586	86.65	ng		-0.02
78) Terphenyl-d14	12.89	244	664357	74.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	94906	26.01	ng	#	34
3) Pyridine	3.08	79	144499	13.65	ng		93
4) n-Nitrosodimethylamine	3.02	42	64650	15.98	ng		86
6) Aniline	6.44	93	167755	12.11	ng	#	1
8) 2-Chlorophenol	6.58	128	137984	17.45	ng		85
9) Benzaldehyde	6.33	77	94078	14.61	ng		84
10) Phenol	6.44	94	249941	23.03	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	143491	17.73	ng	#	81
12) 1,3-Dichlorobenzene	6.73	146	152202	17.49	ng		97
13) 1,4-Dichlorobenzene	6.81	146	160804	18.61	ng		98
14) 1,2-Dichlorobenzene	6.97	146	136109	16.83	ng		99
15) Benzyl Alcohol	6.94	79	154971	22.14	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	198586	16.94	ng		87
17) 2-Methylphenol	7.05	107	123624	19.16	ng		97
18) Hexachloroethane	7.31	117	56275	16.84	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	119973	18.78	ng		90
20) 3+4-Methylphenols	7.21	107	157811	20.38	ng		91
22) Acetophenone	7.20	105	204665	18.27	ng	#	86
24) Nitrobenzene	7.37	77	147440	16.61	ng	#	76
25) Isophorone	7.61	82	288946	17.71	ng	#	91
26) 2-Nitrophenol	7.69	139	69914	19.20	ng		96
27) 2,4-Dimethylphenol	7.74	122	144507	19.06	ng		92
28) bis(2-Chloroethoxy)methane	7.83	93	180832	17.03	ng	#	93
29) 2,4-Dichlorophenol	7.93	162	112565	18.37	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	128952	19.17	ng		98
31) Naphthalene	8.10	128	454584	19.98	ng		99
32) Benzoic acid	7.82	122	50102	9.10	ng		91
33) 4-Chloroaniline	8.15	127	117003	11.56	ng		98
34) Hexachlorobutadiene	8.23	225	70989	19.71	ng		98
35) Caprolactam	8.49	113	38102	18.30	ng		94
36) 4-Chloro-3-methylphenol	8.63	107	121221	16.73	ng		89
37) 2-Methylnaphthalene	8.79	142	266214	18.17	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	121807	19.05	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	116521	37.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	79318	18.81	ng		98
43) 2,4,5-Trichlorophenol	9.11	196	87229	24.05	ng	#	95
45) 1,1'-Biphenyl	9.26	154	357925	22.48	ng		99
46) 2-Chloronaphthalene	9.28	162	265258	21.23	ng		98
47) 2-Nitroaniline	9.37	65	90740	20.46	ng		87
48) Acenaphthylene	9.69	152	418986	21.07	ng		99
49) Dimethylphthalate	9.55	163	420765	30.72	ng		100
50) 2,6-Dinitrotoluene	9.61	165	61170	20.15	ng	#	46
51) Acenaphthene	9.86	154	265789	21.81	ng		98
52) 3-Nitroaniline	9.78	138	55823	14.47	ng	#	76
53) 2,4-Dinitrophenol	9.88	184	35062	26.16	ng	#	77
54) Dibenzofuran	10.03	168	372361	23.34	ng		92
55) 4-Nitrophenol	9.94	139	161782	55.17	ng		95
56) 2,4-Dinitrotoluene	10.01	165	81233	20.47	ng	#	55
57) Fluorene	10.38	166	281717	22.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	58220	20.75	ng	#	50
59) Diethylphthalate	10.25	149	294237	21.41	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	115354	20.19	ng	#	83
61) 4-Nitroaniline	10.39	138	54287	14.62	ng		91
62) Azobenzene	10.52	77	305599	19.49	ng		91
64) 4,6-Dinitro-2-methylphenol	10.42	198	17466	9.58	ng	#	59
65) n-Nitrosodiphenylamine	10.49	169	245774	21.31	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	73154	21.30	ng	#	84
67) Hexachlorobenzene	10.92	284	76702	20.18	ng	#	76
68) Atrazine	11.02	200	75933	21.13	ng		94
69) Pentachlorophenol	11.12	266	101952	45.32	ng		98
70) Phenanthrene	11.34	178	495674	26.61	ng		98
71) Anthracene	11.38	178	416609	22.49	ng		98
72) Carbazole	11.53	167	317035	18.19	ng		99
73) Di-n-butylphthalate	11.87	149	430133	21.21	ng		99
74) Fluoranthene	12.51	202	457421	24.22	ng		98
76) Benzidine	12.64	184	340876	33.78	ng		99
77) Pyrene	12.74	202	417506	24.67	ng		98
79) Butylbenzylphthalate	13.37	149	149852	19.85	ng		97
80) Benzo(a)anthracene	13.92	228	287688	22.38	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	76254	15.78	ng	#	95
82) Chrysene	13.95	228	248358	19.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	194725	22.59	ng		98
84) Di-n-octyl phthalate	14.54	149	316374	21.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	274124	28.02	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	321261m	22.44	ng		
88) Benzo(k)fluoranthene	14.96	252	224099m	17.98	ng		
89) Benzo(a)pyrene	15.27	252	265735	21.93	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	225451	22.28	ng		96
91) Benzo(g,h,i)perylene	17.06	276	217054	20.73	ng		98

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

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