Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088701.D
Acq On : 5 Jul 2016 14:17
Operator : UM/SJ
Sample : H3817-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-2C-8.5-9FTMS

Manual Integrations APPROVED
sohil
7/6/2016 7:19:04 PM

Quant Time: Jul 05 17:51:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	108242	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	460341	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	221531	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	428446	20.00	ng		0.00
75) Chrysene-d12	13.92	240	300336	20.00	ng		0.00
86) Perylene-d12	15.30	264	267353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	854868	118.36	ng		0.01
7) Phenol-d6	6.42	99	1083635	116.12	ng		0.01
23) Nitrobenzene-d5	7.35	82	797268	90.76	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	287568	139.79	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1074565	76.62	ng		0.00
78) Terphenyl-d14	12.87	244	821681	60.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	111522	31.15	ng	#	32
3) Pyridine	3.11	79	191690	18.45	ng		91
4) n-Nitrosodimethylamine	3.04	42	91229	22.98	ng		91
6) Aniline	6.43	93	232913	17.13	ng	#	1
8) 2-Chlorophenol	6.56	128	195371	25.17	ng		90
9) Benzaldehyde	6.32	77	151217	23.92	ng		87
10) Phenol	6.43	94	331713	31.14	ng		74
11) bis(2-Chloroethyl)ether	6.51	93	193323	24.34	ng		95
12) 1,3-Dichlorobenzene	6.72	146	208651	24.43	ng		97
13) 1,4-Dichlorobenzene	6.80	146	201622	23.78	ng		97
14) 1,2-Dichlorobenzene	6.95	146	200947m	25.32	ng		
15) Benzyl Alcohol	6.92	79	217793	31.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	249996	21.73	ng		92
17) 2-Methylphenol	7.04	107	188202	29.72	ng		98
18) Hexachloroethane	7.29	117	73398	22.38	ng		89
19) n-Nitroso-di-n-propylamine	7.20	70	168353	26.86	ng		89
20) 3+4-Methylphenols	7.19	107	230169	30.29	ng	#	62
22) Acetophenone	7.19	105	301940	27.02	ng	#	87
24) Nitrobenzene	7.36	77	223451	25.23	ng	#	82
25) Isophorone	7.60	82	438063	26.92	ng		95
26) 2-Nitrophenol	7.68	139	115603	31.83	ng		92
27) 2,4-Dimethylphenol	7.72	122	215437	28.48	ng		92
28) bis(2-Chloroethoxy)methane	7.82	93	273436	25.82	ng	#	95
29) 2,4-Dichlorophenol	7.92	162	175969	28.78	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	167440	24.96	ng		96
31) Naphthalene	8.08	128	561794	24.75	ng		99
32) Benzoic acid	7.82	122	58291	10.61	ng		96
33) 4-Chloroaniline	8.14	127	178519	17.68	ng		95
34) Hexachlorobutadiene	8.20	225	76082	21.18	ng		98
35) Caprolactam	8.49	113	64413m	31.02	ng		
36) 4-Chloro-3-methylphenol	8.62	107	198909	27.51	ng		93
37) 2-Methylnaphthalene	8.78	142	392747	26.88	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	140417	19.06	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	204990	56.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	130419	26.85	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	121919	29.17	ng	#	80
45) 1,1'-Biphenyl	9.23	154	423568	23.09	ng		98
46) 2-Chloronaphthalene	9.26	162	333870	23.18	ng		96
47) 2-Nitroaniline	9.36	65	140260	27.44	ng	#	70
48) Acenaphthylene	9.68	152	574806	25.09	ng		99
49) Dimethylphthalate	9.54	163	592874	37.57	ng		100
50) 2,6-Dinitrotoluene	9.60	165	104020	29.74	ng	#	60
51) Acenaphthene	9.85	154	391674m	27.89	ng		
52) 3-Nitroaniline	9.76	138	73829	16.60	ng		86
53) 2,4-Dinitrophenol	9.87	184	108212	70.06	ng		96
54) Dibenzofuran	10.02	168	504649	27.45	ng		98
55) 4-Nitrophenol	9.93	139	242009	71.62	ng		91
56) 2,4-Dinitrotoluene	10.00	165	123727	27.05	ng	#	47
57) Fluorene	10.35	166	348945	24.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	107016	33.09	ng	#	51
59) Diethylphthalate	10.24	149	440027	27.78	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	165054	25.07	ng		99
61) 4-Nitroaniline	10.38	138	107775	25.19	ng		87
62) Azobenzene	10.51	77	485103	26.85	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	66377	28.97	ng	#	62
65) n-Nitrosodiphenylamine	10.47	169	340418	23.48	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	98607	22.84	ng	#	90
67) Hexachlorobenzene	10.90	284	98285	20.56	ng		100
68) Atrazine	11.01	200	121348	26.86	ng		99
69) Pentachlorophenol	11.10	266	172736	61.07	ng		96
70) Phenanthrene	11.31	178	544273	23.24	ng		99
71) Anthracene	11.36	178	500991	21.51	ng		99
72) Carbazole	11.52	167	582268	26.57	ng		100
73) Di-n-butylphthalate	11.86	149	605546	23.75	ng		98
74) Fluoranthene	12.49	202	482526	20.32	ng		97
76) Benzidine	12.62	184	291302	19.19	ng		98
77) Pyrene	12.72	202	504936	19.83	ng		100
79) Butylbenzylphthalate	13.35	149	248988	21.92	ng		88
80) Benzo(a)anthracene	13.90	228	399420	20.65	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	139313	19.16	ng		98
82) Chrysene	13.94	228	413893	21.63	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	318263	24.54	ng		98
84) Di-n-octyl phthalate	14.51	149	554506	25.17	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	294248	19.99	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	375336m	22.38	ng		
88) Benzo(k)fluoranthene	14.94	252	292107m	20.01	ng		
89) Benzo(a)pyrene	15.25	252	300687m	21.18	ng		
90) Dibenzo(a,h)anthracene	16.65	278	249578	21.05	ng	#	96
91) Benzo(g,h,i)perylene	17.03	276	235484	19.19	ng		96

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

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