Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088703.D
Acq On : 5 Jul 2016 15:16
Operator : UM/SJ
Sample : H3817-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
7/6/2016 7:19:07 PM

Quant Time: Jul 05 17:50:26 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	106937	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	445116	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	222263	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	425302	20.00	ng		0.00
75) Chrysene-d12	13.92	240	291461	20.00	ng		0.00
86) Perylene-d12	15.30	264	266678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	785817	110.13	ng		0.01
7) Phenol-d6	6.42	99	1045400	113.39	ng		0.01
23) Nitrobenzene-d5	7.35	82	776509	91.42	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	290373	140.69	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1057869	75.18	ng		0.00
78) Terphenyl-d14	12.87	244	785873	60.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	109373	30.92	ng	#	33
3) Pyridine	3.10	79	184323	17.96	ng		92
4) n-Nitrosodimethylamine	3.03	42	87008	22.19	ng		96
6) Aniline	6.43	93	225466	16.78	ng	#	1
8) 2-Chlorophenol	6.56	128	186476	24.32	ng		87
9) Benzaldehyde	6.32	77	146956	23.53	ng		87
10) Phenol	6.43	94	321906	30.59	ng	#	71
11) bis(2-Chloroethyl)ether	6.51	93	185551	23.65	ng		95
12) 1,3-Dichlorobenzene	6.72	146	197655	23.42	ng		97
13) 1,4-Dichlorobenzene	6.80	146	196193	23.42	ng		98
14) 1,2-Dichlorobenzene	6.95	146	195531m	24.94	ng		
15) Benzyl Alcohol	6.92	79	209641	30.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	238994	21.03	ng		91
17) 2-Methylphenol	7.04	107	182153	29.12	ng		99
18) Hexachloroethane	7.29	117	72494	22.37	ng	#	87
19) n-Nitroso-di-n-propylamine	7.20	70	162535	26.24	ng		89
20) 3+4-Methylphenols	7.19	107	224389	29.88	ng	#	67
22) Acetophenone	7.19	105	291612	26.99	ng	#	87
24) Nitrobenzene	7.36	77	222721	26.01	ng	#	82
25) Isophorone	7.60	82	415880	26.43	ng		96
26) 2-Nitrophenol	7.68	139	114437	32.59	ng		91
27) 2,4-Dimethylphenol	7.72	122	211146	28.87	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	271716	26.54	ng	#	95
29) 2,4-Dichlorophenol	7.92	162	171990	29.09	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	160181	24.69	ng		97
31) Naphthalene	8.08	128	551436	25.13	ng		99
32) Benzoic acid	7.80	122	55859	10.52	ng		91
33) 4-Chloroaniline	8.14	127	171772	17.59	ng	#	94
34) Hexachlorobutadiene	8.20	225	74222	21.37	ng		98
35) Caprolactam	8.49	113	63601m	31.68	ng		
36) 4-Chloro-3-methylphenol	8.62	107	197783	28.29	ng		93
37) 2-Methylnaphthalene	8.78	142	383470	27.14	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	135822	18.37	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	195994	54.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	125894	25.83	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	117906	28.12	ng	#	83
45) 1,1'-Biphenyl	9.23	154	406685	22.10	ng		99
46) 2-Chloronaphthalene	9.26	162	321764	22.27	ng		97
47) 2-Nitroaniline	9.35	65	130240	25.40	ng		93
48) Acenaphthylene	9.67	152	533509	23.21	ng		99
49) Dimethylphthalate	9.54	163	600192	37.90	ng		100
50) 2,6-Dinitrotoluene	9.60	165	108409	30.89	ng	#	69
51) Acenaphthene	9.85	154	386619m	27.44	ng		
52) 3-Nitroaniline	9.76	138	75140	16.84	ng		85
53) 2,4-Dinitrophenol	9.87	184	110140	71.08	ng		92
54) Dibenzofuran	10.02	168	487392	26.42	ng		99
55) 4-Nitrophenol	9.93	139	227467	67.09	ng		93
56) 2,4-Dinitrotoluene	10.00	165	127811	27.85	ng	#	54
57) Fluorene	10.35	166	337323	23.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	105769	32.60	ng	#	52
59) Diethylphthalate	10.24	149	438747	27.61	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	165125	25.00	ng		98
61) 4-Nitroaniline	10.38	138	108598	25.30	ng		87
62) Azobenzene	10.51	77	482909	26.64	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	64095	28.18	ng	#	56
65) n-Nitrosodiphenylamine	10.47	169	331548	23.03	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	96594	22.54	ng	#	89
67) Hexachlorobenzene	10.90	284	96377	20.31	ng		99
68) Atrazine	11.00	200	122285	27.26	ng		97
69) Pentachlorophenol	11.10	266	164261	58.50	ng		97
70) Phenanthrene	11.31	178	525619	22.61	ng		99
71) Anthracene	11.36	178	496028	21.46	ng		99
72) Carbazole	11.52	167	569264	26.16	ng		99
73) Di-n-butylphthalate	11.86	149	609960	24.10	ng		98
74) Fluoranthene	12.49	202	485467	20.60	ng		98
76) Benzidine	12.62	184	315024	21.38	ng		99
77) Pyrene	12.72	202	511485	20.70	ng		99
79) Butylbenzylphthalate	13.35	149	243477	22.09	ng	#	87
80) Benzo(a)anthracene	13.90	228	398398	21.23	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	135716	19.23	ng	#	99
82) Chrysene	13.94	228	404997	21.81	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	322889	25.66	ng		99
84) Di-n-octyl phthalate	14.51	149	554251	25.92	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	290116	20.31	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	376671m	22.52	ng		
88) Benzo(k)fluoranthene	14.94	252	275171m	18.89	ng		
89) Benzo(a)pyrene	15.25	252	294983m	20.83	ng		
90) Dibenzo(a,h)anthracene	16.65	278	250067	21.14	ng	#	93
91) Benzo(g,h,i)perylene	17.03	276	234530	19.16	ng		97

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

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