Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095852.D
Acq On : 10 Jun 2017 17:30
Operator : SJ/MA
Sample : I3591-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-R10-BASEMS

Manual Integrations APPROVED
mohammad
6/12/2017 1:28:04 PM

Quant Time: Jun 12 04:33:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	55628	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	238670	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	110336	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	206123	20.00	ng		-0.03
75) Chrysene-d12	18.34	240	156923	20.00	ng		-0.02
86) Perylene-d12	20.00	264	117252	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	555738	159.19	ng		-0.02
7) Phenol-d6	6.94	99	670795	160.50	ng		-0.02
23) Nitrobenzene-d5	8.29	82	393796	102.47	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	146551	150.12	ng		-0.02
44) 2-Fluorobiphenyl	11.18	172	637992	80.46	ng		-0.04
78) Terphenyl-d14	16.99	244	558338	88.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.73	88	70491	42.45	ng		91
3) Pyridine	2.29	79	186595m	47.81	ng		
4) n-Nitrosodimethylamine	2.25	42	74997	50.54	ng		80
6) Aniline	6.87	93	215376	39.39	ng		96
8) 2-Chlorophenol	7.05	128	207168	55.81	ng		97
9) Benzaldehyde	6.67	77	74844	26.55	ng		97
10) Phenol	6.95	94	262151	60.47	ng		92
11) bis(2-Chloroethyl)ether	7.02	93	183249	53.36	ng		97
12) 1,3-Dichlorobenzene	7.27	146	208133	49.54	ng		97
13) 1,4-Dichlorobenzene	7.39	146	215752	50.64	ng		95
14) 1,2-Dichlorobenzene	7.63	146	208330	53.04	ng		97
15) Benzyl Alcohol	7.67	79	168050	58.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	253413	52.52	ng		96
17) 2-Methylphenol	7.90	107	172568	55.40	ng		96
18) Hexachloroethane	8.15	117	70522	50.12	ng		88
19) n-Nitroso-di-n-propylamine	8.10	70	142779	53.91	ng		92
20) 3+4-Methylphenols	8.16	107	225322	56.98	ng	#	56
22) Acetophenone	8.06	105	287723	51.50	ng	#	83
24) Nitrobenzene	8.32	77	201658	49.12	ng		94
25) Isophorone	8.72	82	361399	50.36	ng		95
26) 2-Nitrophenol	8.83	139	115744	53.84	ng		96
27) 2,4-Dimethylphenol	8.98	122	184696	55.36	ng		96
28) bis(2-Chloroethoxy)methane	9.10	93	233524	49.37	ng		98
29) 2,4-Dichlorophenol	9.26	162	171910	53.51	ng		99
30) 1,2,4-Trichlorobenzene	9.33	180	163303	48.85	ng		99
31) Naphthalene	9.43	128	583230	48.69	ng		100
33) 4-Chloroaniline	9.59	127	158029	33.75	ng	#	91
34) Hexachlorobutadiene	9.66	225	78942	45.70	ng		99
35) Caprolactam	10.22	113	55797m	58.36	ng		
36) 4-Chloro-3-methylphenol	10.46	107	183915	54.68	ng		90
37) 2-Methylnaphthalene	10.56	142	393914	48.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	153530	46.49	ng		99
40) Hexachlorocyclopentadiene	10.82	237	65126	65.32	ng		98
42) 2,4,6-Trichlorophenol	11.07	196	106383	50.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	106790	47.29	ng	#	91
45) 1,1'-Biphenyl	11.33	154	435262	47.86	ng		96
46) 2-Chloronaphthalene	11.34	162	341775	48.10	ng		96
47) 2-Nitroaniline	11.57	65	109443	52.64	ng	#	80
48) Acenaphthylene	12.00	152	548051	45.11	ng		98
49) Dimethylphthalate	11.89	163	594456	70.96	ng		99
50) 2,6-Dinitrotoluene	11.99	165	91634	50.15	ng	#	81
51) Acenaphthene	12.28	154	321495	45.82	ng		98
52) 3-Nitroaniline	12.24	138	87163	40.94	ng		90
53) 2,4-Dinitrophenol	12.50	184	10585	15.88	ng	#	67
54) Dibenzofuran	12.57	168	502942	50.93	ng		97
55) 4-Nitrophenol	12.65	139	119204	94.98	ng	#	66
56) 2,4-Dinitrotoluene	12.66	165	133700	54.17	ng	#	93
57) Fluorene	13.12	166	399930	46.53	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.82	232	83954	54.33	ng	#	94
59) Diethylphthalate	13.03	149	408658	50.69	ng		99
60) 4-Chlorophenyl-phenylether	13.14	204	175565	46.97	ng		90
61) 4-Nitroaniline	13.25	138	107228	53.94	ng		95
62) Azobenzene	13.40	77	372539	50.98	ng		94
64) 4,6-Dinitro-2-methylphenol	13.33	198	37453	27.64	ng		76
65) n-Nitrosodiphenylamine	13.36	169	355744	48.03	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	98888	46.16	ng		99
67) Hexachlorobenzene	14.02	284	100095	47.42	ng	#	92
68) Atrazine	14.29	200	110528	53.62	ng		99
69) Pentachlorophenol	14.37	266	49280	63.09	ng		97
70) Phenanthrene	14.66	178	579295	48.71	ng		98
71) Anthracene	14.74	178	599881	48.31	ng		97
72) Carbazole	15.04	167	585635	48.40	ng		98
73) Di-n-butylphthalate	15.63	149	652402	50.68	ng		97
74) Fluoranthene	16.43	202	594661	50.52	ng		98
76) Benzidine	16.66	184	265156	44.00	ng	#	92
77) Pyrene	16.74	202	610895	52.17	ng		100
79) Butylbenzylphthalate	17.66	149	278537	54.47	ng		90
80) Benzo(a)anthracene	18.33	228	448990	49.21	ng		97
81) 3,3'-Dichlorobenzidine	18.31	252	104259	32.14	ng	#	97
82) Chrysene	18.37	228	431197	47.29	ng		97
83) Bis(2-ethylhexyl)phthalate	18.41	149	386523	53.58	ng	#	99
84) Di-n-octyl phthalate	19.18	149	590667	49.69	ng		95
85) Indeno(1,2,3-cd)pyrene	21.18	276	361475	46.34	ng		100
87) Benzo(b)fluoranthene	19.60	252	336317	45.81	ng		98
88) Benzo(k)fluoranthene	19.63	252	355843	50.71	ng		95
89) Benzo(a)pyrene	19.94	252	330557	48.99	ng		97
90) Dibenzo(a,h)anthracene	21.18	278	300844	52.56	ng		97
91) Benzo(g,h,i)perylene	21.50	276	318503	54.58	ng		99

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

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