Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094487.D
Acq On : 18 Apr 2017 15:18
Operator : SJ/MA
Sample : I2695-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 49C-9-11MSD

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:05 PM

Quant Time: Apr 19 01:48:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	124272	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	522360	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	240475	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	440877	20.00	ng		0.00
75) Chrysene-d12	14.47	240	315958	20.00	ng		0.00
86) Perylene-d12	16.09	264	241399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	934938	124.82	ng		0.03
7) Phenol-d6	5.41	99	1151386	130.39	ng		0.01
23) Nitrobenzene-d5	6.42	82	737873	87.22	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	242772	129.07	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1257841	76.96	ng		0.00
78) Terphenyl-d14	13.20	244	1176467	99.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	127444	29.26	ng		97
3) Pyridine	2.66	79	222543	23.37	ng		98
4) n-Nitrosodimethylamine	2.60	42	164850	41.85	ng		87
6) Aniline	5.41	93	403404	34.37	ng	#	85
8) 2-Chlorophenol	5.55	128	379326	44.50	ng		95
9) Benzaldehyde	5.27	77	74661	11.11	ng		99
10) Phenol	5.42	94	476152	43.89	ng		97
11) bis(2-Chloroethyl)ether	5.49	93	350918	44.28	ng		97
12) 1,3-Dichlorobenzene	5.71	146	398849	42.24	ng		99
13) 1,4-Dichlorobenzene	5.80	146	403365	42.46	ng		96
14) 1,2-Dichlorobenzene	5.97	146	373570	42.69	ng		98
15) Benzyl Alcohol	5.95	79	297612	45.43	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	449520	43.26	ng		84
17) 2-Methylphenol	6.10	107	291195	43.38	ng		95
18) Hexachloroethane	6.35	117	140266	43.07	ng	#	83
19) n-Nitroso-di-n-propylamine	6.27	70	268304	45.86	ng		94
20) 3+4-Methylphenols	6.28	107	414718	45.46	ng	#	63
22) Acetophenone	6.25	105	529680	41.70	ng	#	86
24) Nitrobenzene	6.45	77	384072	43.11	ng		93
25) Isophorone	6.74	82	690669	44.04	ng		95
26) 2-Nitrophenol	6.82	139	203956	42.62	ng		97
27) 2,4-Dimethylphenol	6.90	122	329127	42.34	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	442910	43.66	ng		99
29) 2,4-Dichlorophenol	7.12	162	321136	44.40	ng		97
30) 1,2,4-Trichlorobenzene	7.21	180	317336	42.44	ng		100
31) Naphthalene	7.30	128	1063177	42.34	ng		100
32) Benzoic acid	7.02	122	41685	10.14	ng		96
33) 4-Chloroaniline	7.37	127	295134	28.25	ng		95
34) Hexachlorobutadiene	7.45	225	158060	42.40	ng		99
35) Caprolactam	7.82	113	94509m	41.60	ng		
36) 4-Chloro-3-methylphenol	8.00	107	329026	43.41	ng		92
37) 2-Methylnaphthalene	8.14	142	740894	43.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	282232	41.22	ng		99
40) Hexachlorocyclopentadiene	8.33	237	254677	91.94	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094487.D
Acq On : 18 Apr 2017 15:18
Operator : SJ/MA
Sample : I2695-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 49C-9-11MSD

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:05 PM

Quant Time: Apr 19 01:48:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	201631	41.93	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	220156	44.58	ng	#	92
45) 1,1'-Biphenyl	8.71	154	776924	39.54	ng		97
46) 2-Chloronaphthalene	8.72	162	654993	41.93	ng		94
47) 2-Nitroaniline	8.86	65	202075	44.96	ng		87
48) Acenaphthylene	9.23	152	1015435	41.70	ng		99
49) Dimethylphthalate	9.11	163	1289000	71.93	ng		99
50) 2,6-Dinitrotoluene	9.17	165	182628	45.40	ng		95
51) Acenaphthene	9.44	154	625086	42.85	ng		100
52) 3-Nitroaniline	9.37	138	159479	34.27	ng		90
53) 2,4-Dinitrophenol	9.51	184	107815	51.60	ng	#	73
54) Dibenzofuran	9.66	168	906015	42.73	ng		99
55) 4-Nitrophenol	9.64	139	288566	87.77	ng		86
56) 2,4-Dinitrotoluene	9.67	165	230288	46.66	ng	#	87
57) Fluorene	10.08	166	711975	43.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	161901	45.74	ng		98
59) Diethylphthalate	9.97	149	778688	46.05	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	305119	44.41	ng		94
61) 4-Nitroaniline	10.13	138	198220	41.90	ng		96
62) Azobenzene	10.28	77	752666	45.84	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	109924	38.05	ng	#	75
65) n-Nitrosodiphenylamine	10.24	169	661049	43.11	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	193516	44.20	ng		97
67) Hexachlorobenzene	10.75	284	193774	43.92	ng	#	88
68) Atrazine	10.91	200	205882	44.88	ng		98
69) Pentachlorophenol	11.01	266	160656	91.71	ng		99
70) Phenanthrene	11.25	178	1052778	42.40	ng		98
71) Anthracene	11.32	178	1107490	43.12	ng		98
72) Carbazole	11.52	167	1028595	42.67	ng		99
73) Di-n-butylphthalate	11.98	149	1248701	47.05	ng		99
74) Fluoranthene	12.71	202	1099402	42.73	ng		98
76) Benzidine	12.88	184	126096	9.86	ng	#	94
77) Pyrene	12.99	202	1095581	49.63	ng		99
79) Butylbenzylphthalate	13.81	149	497578	51.43	ng	#	85
80) Benzo(a)anthracene	14.45	228	805637	43.87	ng		100
81) 3,3'-Dichlorobenzidine	14.44	252	208394	32.06	ng	#	92
82) Chrysene	14.50	228	741331	44.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	677081	52.13	ng	#	99
84) Di-n-octyl phthalate	15.28	149	968655	44.46	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	745352	46.67	ng		100
87) Benzo(b)fluoranthene	15.69	252	671815	45.49	ng		98
88) Benzo(k)fluoranthene	15.72	252	584571	41.83	ng		97
89) Benzo(a)pyrene	16.04	252	592422	43.12	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	611175	53.58	ng		99
91) Benzo(g,h,i)perylene	17.75	276	639011	55.02	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094487.D
Acq On : 18 Apr 2017 15:18
Operator : SJ/MA
Sample : I2695-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 19 01:48:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
49C-9-11MSD

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:05 PM