Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094959.D
Acq On : 6 May 2017 14:02
Operator : SJ/MA
Sample : I2947-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMPMS

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:53 PM

Quant Time: May 08 08:19:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	86152	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	350438	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	163793	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	300027	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	235015	20.00	ng		-0.01
86) Perylene-d12	20.31	264	185722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	762687	147.60	ng		0.00
7) Phenol-d6	7.27	99	926698	149.46	ng		0.00
23) Nitrobenzene-d5	8.63	82	551110	99.17	ng		0.00
41) 2,4,6-Tribromophenol	13.87	330	205131	152.92	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1058640	93.03	ng		-0.01
78) Terphenyl-d14	17.30	244	986120	92.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	105405	41.59	ng		94
3) Pyridine	2.82	79	191041	32.53	ng		100
4) n-Nitrosodimethylamine	2.74	42	119616	48.86	ng		88
6) Aniline	7.22	93	339693	43.40	ng		96
8) 2-Chlorophenol	7.41	128	296971	50.49	ng		96
9) Benzaldehyde	7.05	77	41224	10.89	ng		91
10) Phenol	7.29	94	350252	53.61	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	255212	47.32	ng		93
12) 1,3-Dichlorobenzene	7.63	146	305533	45.79	ng		97
13) 1,4-Dichlorobenzene	7.75	146	313234	46.29	ng		98
14) 1,2-Dichlorobenzene	7.98	146	297530	47.11	ng		96
15) Benzyl Alcohol	8.01	79	230374	57.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333488	43.68	ng	#	39
17) 2-Methylphenol	8.22	107	234497	48.72	ng	#	90
18) Hexachloroethane	8.50	117	102897	44.89	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	202401	48.27	ng		94
20) 3+4-Methylphenols	8.47	107	319841	48.90	ng	#	60
22) Acetophenone	8.40	105	408771	48.62	ng	#	84
24) Nitrobenzene	8.65	77	278418	47.80	ng		94
25) Isophorone	9.05	82	519563	52.36	ng		96
26) 2-Nitrophenol	9.16	139	162602	51.73	ng		98
27) 2,4-Dimethylphenol	9.30	122	257330	50.64	ng		99
28) bis(2-Chloroethoxy)methane	9.42	93	329902	48.06	ng		99
29) 2,4-Dichlorophenol	9.58	162	243949	50.84	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	240062	46.70	ng		98
31) Naphthalene	9.78	128	819381	46.52	ng		100
32) Benzoic acid	9.58	122	79034	26.26	ng		96
33) 4-Chloroaniline	9.91	127	212692	32.40	ng	#	91
34) Hexachlorobutadiene	10.00	225	120381	44.38	ng		97
35) Caprolactam	10.55	113	73588m	51.07	ng		
36) 4-Chloro-3-methylphenol	10.77	107	264467	51.55	ng		89
37) 2-Methylnaphthalene	10.90	142	570143	49.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	226426	44.95	ng		99
40) Hexachlorocyclopentadiene	11.16	237	160214	75.99	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094959.D
Acq On : 6 May 2017 14:02
Operator : SJ/MA
Sample : I2947-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMPMS

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:53 PM

Quant Time: May 08 08:19:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	167601	49.84	ng		100
43) 2,4,5-Trichlorophenol	11.49	196	170107	47.06	ng	#	91
45) 1,1'-Biphenyl	11.67	154	635296	46.07	ng		98
46) 2-Chloronaphthalene	11.68	162	502457	45.12	ng		95
47) 2-Nitroaniline	11.89	65	147815	48.50	ng	#	85
48) Acenaphthylene	12.34	152	828280	47.49	ng		98
49) Dimethylphthalate	12.22	163	803096	59.73	ng		99
50) 2,6-Dinitrotoluene	12.31	165	137965	50.29	ng		95
51) Acenaphthene	12.62	154	484998	46.56	ng		100
52) 3-Nitroaniline	12.58	138	101042	34.32	ng		90
53) 2,4-Dinitrophenol	12.77	184	98469	66.33	ng	#	68
54) Dibenzofuran	12.91	168	743670	51.59	ng		100
55) 4-Nitrophenol	12.95	139	170146	96.21	ng	#	76
56) 2,4-Dinitrotoluene	12.97	165	184290	52.28	ng	#	91
57) Fluorene	13.47	166	590734	47.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	126355	55.54	ng		98
59) Diethylphthalate	13.37	149	585589	45.44	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	259572	47.12	ng		89
61) 4-Nitroaniline	13.58	138	135478	50.12	ng		96
62) Azobenzene	13.75	77	547897	52.90	ng		93
64) 4,6-Dinitro-2-methylphenol	13.64	198	91575	45.53	ng	#	63
65) n-Nitrosodiphenylamine	13.70	169	510701	46.90	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	147108	46.41	ng		99
67) Hexachlorobenzene	14.36	284	148318	45.66	ng	#	88
68) Atrazine	14.62	200	150221	48.86	ng		98
69) Pentachlorophenol	14.71	266	137965	92.91	ng		97
70) Phenanthrene	15.01	178	813997	47.22	ng		98
71) Anthracene	15.09	178	851309	48.35	ng		98
72) Carbazole	15.38	167	808493	50.46	ng		97
73) Di-n-butylphthalate	15.94	149	940947	47.09	ng		99
74) Fluoranthene	16.75	202	886590	50.14	ng		98
76) Benzidine	16.97	184	297570	46.98	ng	#	94
77) Pyrene	17.05	202	887389	50.49	ng		99
79) Butylbenzylphthalate	17.96	149	420454	51.43	ng		91
80) Benzo(a)anthracene	18.63	228	636525	46.54	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	181598	38.44	ng	#	96
82) Chrysene	18.67	228	613846	46.41	ng		98
83) Bis(2-ethylhexyl)phthalate	18.70	149	582377	50.00	ng	#	99
84) Di-n-octyl phthalate	19.47	149	902318	47.25	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	516261	48.07	ng		99
87) Benzo(b)fluoranthene	19.90	252	534152	46.55	ng		98
88) Benzo(k)fluoranthene	19.93	252	532983	48.15	ng	#	95
89) Benzo(a)pyrene	20.25	252	505089	47.70	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	421122	48.15	ng		99
91) Benzo(g,h,i)perylene	21.97	276	457758	53.34	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094959.D
Acq On : 6 May 2017 14:02
Operator : SJ/MA
Sample : I2947-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 08 08:19:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:53 PM