Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093136.D
Acq On : 24 Feb 2017 7:53
Operator : SJ/MA
Sample : I1948-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP23-24-COMP17MS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:47 PM

Quant Time: Feb 24 08:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156486	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	561234	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	241408	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	353824	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	272983	20.00	ng		-0.01
86) Perylene-d12	15.43	264	255159	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1227726	134.60	ng		0.01
7) Phenol-d6	6.49	99	1474579	125.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	924356	91.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	219814	125.89	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1609484	120.79	ng		-0.01
78) Terphenyl-d14	12.95	244	949886	81.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	182414	37.01	ng	#	73
3) Pyridine	3.30	79	320789m	25.60	ng		
4) n-Nitrosodimethylamine	3.22	42	266445	45.28	ng		87
6) Aniline	6.51	93	132403	8.27	ng	#	37
8) 2-Chlorophenol	6.64	128	433396	43.07	ng		92
9) Benzaldehyde	6.40	77	116751	13.89	ng		97
10) Phenol	6.51	94	478637	34.86	ng	#	70
11) bis(2-Chloroethyl)ether	6.58	93	484369	44.19	ng		88
12) 1,3-Dichlorobenzene	6.78	146	519535	44.08	ng		97
13) 1,4-Dichlorobenzene	6.86	146	523267m	43.87	ng		
14) 1,2-Dichlorobenzene	7.01	146	462272	40.53	ng		99
15) Benzyl Alcohol	6.99	79	348398	40.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	808248	42.45	ng		98
17) 2-Methylphenol	7.12	107	383492	44.42	ng		97
18) Hexachloroethane	7.36	117	155672	38.23	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	310684	41.59	ng		95
20) 3+4-Methylphenols	7.26	107	454605	44.04	ng	#	85
22) Acetophenone	7.25	105	613875	47.91	ng		98
24) Nitrobenzene	7.44	77	528470	51.07	ng	#	88
25) Isophorone	7.68	82	911478	48.53	ng		98
26) 2-Nitrophenol	7.74	139	209332	42.55	ng		93
27) 2,4-Dimethylphenol	7.79	122	395787	45.81	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	579842	46.62	ng		99
29) 2,4-Dichlorophenol	8.00	162	382955	47.53	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	388593	44.75	ng		97
31) Naphthalene	8.16	128	1224805	43.05	ng		99
32) Benzoic acid	7.93	122	242522	49.31	ng		98
33) 4-Chloroaniline	8.21	127	90982	8.15	ng		98
34) Hexachlorobutadiene	8.27	225	204678	42.84	ng		99
35) Caprolactam	8.58	113	103297	40.76	ng	#	43
36) 4-Chloro-3-methylphenol	8.69	107	359943	42.85	ng		94
37) 2-Methylnaphthalene	8.84	142	838119	45.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	347548	51.29	ng		99
40) Hexachlorocyclopentadiene	8.99	237	92176	30.15	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093136.D
Acq On : 24 Feb 2017 7:53
Operator : SJ/MA
Sample : I1948-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP23-24-COMP17MS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:47 PM

Quant Time: Feb 24 08:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	247285	55.54	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	243052	49.82	ng	#	86
45) 1,1'-Biphenyl	9.31	154	945470	54.09	ng		99
46) 2-Chloronaphthalene	9.33	162	772729	56.51	ng		97
47) 2-Nitroaniline	9.44	65	247074	53.74	ng	#	72
48) Acenaphthylene	9.74	152	1149377	48.65	ng		98
49) Dimethylphthalate	9.61	163	854589	52.56	ng		99
50) 2,6-Dinitrotoluene	9.68	165	194574	55.41	ng		91
51) Acenaphthene	9.92	154	667976	47.29	ng		96
52) 3-Nitroaniline	9.84	138	96221	23.94	ng		87
53) 2,4-Dinitrophenol	9.95	184	59945	36.31	ng	#	45
54) Dibenzofuran	10.09	168	952954	50.45	ng		95
55) 4-Nitrophenol	10.02	139	230021	79.47	ng		84
56) 2,4-Dinitrotoluene	10.08	165	202670	43.35	ng		95
57) Fluorene	10.43	166	726456	49.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	169580	52.10	ng		94
59) Diethylphthalate	10.30	149	796452	51.97	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	316103	45.27	ng		92
61) 4-Nitroaniline	10.45	138	160152	38.91	ng		92
62) Azobenzene	10.58	77	857539	54.17	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	47922	23.68	ng	#	74
65) n-Nitrosodiphenylamine	10.54	169	646082	57.16	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	193829	52.43	ng	#	89
67) Hexachlorobenzene	10.98	284	177981	48.72	ng		98
68) Atrazine	11.07	200	183029	50.46	ng		96
69) Pentachlorophenol	11.17	266	172379	90.38	ng		98
70) Phenanthrene	11.39	178	932975	46.02	ng		99
71) Anthracene	11.44	178	902035	44.31	ng		98
72) Carbazole	11.60	167	781482	40.16	ng		99
73) Di-n-butylphthalate	11.93	149	1159080	55.08	ng	#	96
74) Fluoranthene	12.58	202	904544	43.26	ng		93
76) Benzidine	12.71	184	84655	7.28	ng		96
77) Pyrene	12.81	202	915842	44.83	ng		98
79) Butylbenzylphthalate	13.43	149	419120	50.52	ng	#	76
80) Benzo(a)anthracene	14.00	228	793568	47.53	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	220901	37.12	ng		99
82) Chrysene	14.03	228	782307	50.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	559841	49.35	ng		98
84) Di-n-octyl phthalate	14.59	149	1065731	57.69	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	638884	52.76	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	867232m	51.64	ng		
88) Benzo(k)fluoranthene	15.05	252	605498m	41.76	ng		
89) Benzo(a)pyrene	15.37	252	701720	48.30	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	555254	47.29	ng		97
91) Benzo(g,h,i)perylene	17.25	276	520955	43.92	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093136.D
Acq On : 24 Feb 2017 7:53
Operator : SJ/MA
Sample : I1948-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 24 08:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:47 PM