Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093967.D
Acq On : 28 Mar 2017 2:54
Operator : SJ/MA
Sample : I2384-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Manual Integrations APPROVED

Quant Time: Mar 28 06:49:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	5.94	152	155994	20.00	ng		-0.01	
21) Naphthalene-d8	7.45	136	643043	20.00	ng		-0.01	
38) Acenaphthene-d10	9.59	164	301775	20.00	ng		-0.01	
63) Phenanthrene-d10	11.42	188	541572	20.00	ng		0.00	
75) Chrysene-d12	14.67	240	436112	20.00	ng		-0.01	
86) Perylene-d12	16.30	264	273119	20.00	ng		-0.01	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	4.49	112	1147155	124.21	ng		0.02	
7) Phenol-d6	5.55	99	1437715	125.83	ng		0.00	
23) Nitrobenzene-d5	6.59	82	945353	83.90	ng		-0.01	3/28/2017 3:43:23 PM
41) 2,4,6-Tribromophenol	10.57	330	341749	143.31	ng		0.00	
44) 2-Fluorobiphenyl	8.77	172	1734815	87.68	ng		-0.01	
78) Terphenyl-d14	13.39	244	1502503	77.22	ng		-0.01	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.45	88	167791	37.82	ng	#	83	
3) Pyridine	2.89	79	388413	32.12	ng		99	
4) n-Nitrosodimethylamine	2.84	42	216803	43.57	ng		91	
6) Aniline	5.56	93	271957	17.11	ng	#	1	
8) 2-Chlorophenol	5.70	128	465904	45.89	ng		98	
9) Benzaldehyde	5.43	77	85711	11.11	ng		99	
10) Phenol	5.56	94	535827	41.21	ng		100	
11) bis(2-Chloroethyl)ether	5.65	93	445510	43.85	ng		97	
12) 1,3-Dichlorobenzene	5.87	146	485069	42.60	ng		100	
13) 1,4-Dichlorobenzene	5.96	146	490470	42.53	ng		96	
14) 1,2-Dichlorobenzene	6.13	146	508532	47.88	ng		98	
15) Benzyl Alcohol	6.10	79	371963	44.48	ng		99	
16) 2,2'-oxybis(1-Chloropropan	6.27	45	647473	41.35	ng		97	
17) 2-Methylphenol	6.25	107	394470	45.37	ng		99	
18) Hexachloroethane	6.53	117	174553	43.06	ng	#	84	
19) n-Nitroso-di-n-propylamine	6.43	70	320978	43.71	ng		97	
20) 3+4-Methylphenols	6.43	107	485777	46.13	ng	#	66	
22) Acetophenone	6.41	105	653397	45.59	ng	#	88	
24) Nitrobenzene	6.61	77	486379	43.77	ng		95	
25) Isophorone	6.90	82	873755	44.13	ng		95	
26) 2-Nitrophenol	6.99	139	264671	49.94	ng		97	
27) 2,4-Dimethylphenol	7.05	122	444811	48.71	ng		97	
28) bis(2-Chloroethoxy)methane	7.16	93	553104	42.36	ng		99	
29) 2,4-Dichlorophenol	7.28	162	415151	48.62	ng		97	
30) 1,2,4-Trichlorobenzene	7.38	180	392824	44.67	ng		100	
31) Naphthalene	7.47	128	1832509	59.27	ng		99	
32) Benzoic acid	7.21	122	306312	50.39	ng		86	
33) 4-Chloroaniline	7.53	127	112006	8.94	ng		95	
34) Hexachlorobutadiene	7.63	225	194851	43.21	ng		98	
35) Caprolactam	7.99	113	127061m	46.67	ng			
36) 4-Chloro-3-methylphenol	8.15	107	443196	49.68	ng		88	
37) 2-Methylnaphthalene	8.32	142	1055192	51.19	ng		99	
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	342021	41.43	ng		99	
40) Hexachlorocyclopentadiene	8.51	237	331048	85.69	ng		97	

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093967.D
Acq On : 28 Mar 2017 2:54
Operator : SJ/MA
Sample : I2384-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001MS

Manual Integrations APPROVED

Quant Time: Mar 28 06:49:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	8.67	196	287174	49.17	ng		97	
43) 2,4,5-Trichlorophenol	8.72	196	291396	46.11	ng		94	
45) 1,1'-Biphenyl	8.89	154	1076925	44.24	ng		97	
46) 2-Chloronaphthalene	8.91	162	850779	44.65	ng		95	
47) 2-Nitroaniline	9.04	65	259997	46.00	ng	#	80	
48) Acenaphthylene	9.42	152	1367793	43.19	ng		99	mohammad
49) Dimethylphthalate	9.28	163	1023939	47.73	ng		99	
50) 2,6-Dinitrotoluene	9.35	165	235137	47.82	ng		95	
51) Acenaphthene	9.63	154	820414	44.40	ng		99	
52) 3-Nitroaniline	9.54	138	76910	13.32	ng		88	
53) 2,4-Dinitrophenol	9.68	184	252185	94.91	ng	#	67	3/28/2017 3:43:23 PM
54) Dibenzofuran	9.85	168	1178979	46.87	ng		99	
55) 4-Nitrophenol	9.78	139	380227	84.08	ng	#	68	
56) 2,4-Dinitrotoluene	9.84	165	290445	47.02	ng	#	73	
57) Fluorene	10.27	166	896573	42.98	ng		98	
58) 2,3,4,6-Tetrachlorophenol	10.00	232	220320	50.81	ng		98	
59) Diethylphthalate	10.15	149	992644	46.82	ng		98	
60) 4-Chlorophenyl-phenylether	10.27	204	378064	42.55	ng		95	
61) 4-Nitroaniline	10.30	138	199928	36.08	ng		97	
62) Azobenzene	10.47	77	946338	47.18	ng		94	
64) 4,6-Dinitro-2-methylphenol	10.34	198	165396	49.87	ng	#	77	
65) n-Nitrosodiphenylamine	10.42	169	654700	34.96	ng		98	
66) 4-Bromophenyl-phenylether	10.87	248	243506	45.72	ng		97	
67) Hexachlorobenzene	10.94	284	248214	46.03	ng	#	93	
68) Atrazine	11.09	200	78029	13.91	ng		96	
69) Pentachlorophenol	11.19	266	281001	83.73	ng		99	
70) Phenanthrene	11.44	178	1342230	44.55	ng		99	
71) Anthracene	11.51	178	1382979	44.58	ng		99	
72) Carbazole	11.71	167	976980	30.71	ng		98	
73) Di-n-butylphthalate	12.16	149	1541111	46.59	ng		99	
74) Fluoranthene	12.91	202	1383195	44.84	ng		100	
77) Pyrene	13.19	202	1391004	43.95	ng		100	
79) Butylbenzylphthalate	14.00	149	660850	49.00	ng	#	83	
80) Benzo(a)anthracene	14.66	228	1137052	44.71	ng		99	
82) Chrysene	14.70	228	991292	42.00	ng		100	
83) Bis(2-ethylhexyl)phthalate	14.72	149	871451	47.37	ng	#	99	
84) Di-n-octyl phthalate	15.47	149	1492160	48.55	ng		98	
85) Indeno(1,2,3-cd)pyrene	17.67	276	809162	39.59	ng		100	
87) Benzo(b)fluoranthene	15.89	252	953937	56.98	ng		97	
88) Benzo(k)fluoranthene	15.92	252	863337m	52.71	ng			
89) Benzo(a)pyrene	16.24	252	820808	53.24	ng		99	
90) Dibenzo(a,h)anthracene	17.69	278	673268	51.57	ng		98	
91) Benzo(g,h,i)perylene	18.08	276	660497	50.20	ng		97	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093967.D
Acq On : 28 Mar 2017 2:54
Operator : SJ/MA
Sample : I2384-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 28 06:49:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Manual Integrations APPROVED