Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108942.D
Acq On : 11 Sep 2018 18:24
Operator : JU/SJ
Sample : J4847-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:59 AM

Quant Time: Sep 12 03:41:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	172551	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	654159	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	302304	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	530297	20.00	ng		0.00
75) Chrysene-d12	13.88	240	368762	20.00	ng		0.01
86) Perylene-d12	15.28	264	462100	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	989540	95.01	ng		0.02
7) Phenol-d6	6.38	99	1282253	95.68	ng		0.01
23) Nitrobenzene-d5	7.30	82	811282	77.61	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	285914	99.07	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1261058	71.16	ng		0.00
78) Terphenyl-d14	12.83	244	1012880	64.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	149897	29.946	ng		94
3) Pyridine	3.17	79	401832	29.313	ng		93
4) n-Nitrosodimethylamine	3.10	42	196078	37.240	ng		90
6) Aniline	6.40	93	525105	29.133	ng		96
8) 2-Chlorophenol	6.52	128	414636	35.965	ng		98
9) Benzaldehyde	6.28	77	213008	22.405	ng		98
10) Phenol	6.39	94	516657	33.660	ng		83
11) bis(2-Chloroethyl)ether	6.48	93	411756	33.487	ng		96
12) 1,3-Dichlorobenzene	6.68	146	445930	33.895	ng		99
13) 1,4-Dichlorobenzene	6.75	146	446011	33.901	ng		99
14) 1,2-Dichlorobenzene	6.91	146	418475	34.509	ng		97
15) Benzyl Alcohol	6.88	79	372684	36.237	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	608036	33.081	ng		96
17) 2-Methylphenol	7.00	107	342146	35.118	ng		98
18) Hexachloroethane	7.25	117	161756	34.098	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	294014	31.563	ng		99
20) 3+4-Methylphenols	7.15	107	396320	34.725	ng	#	62
22) Acetophenone	7.15	105	546035	36.779	ng	#	92
24) Nitrobenzene	7.32	77	438799	39.124	ng		99
25) Isophorone	7.56	82	811713	38.930	ng		97
26) 2-Nitrophenol	7.64	139	203701	46.100	ng		99
27) 2,4-Dimethylphenol	7.68	122	372661	41.531	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	514615	36.916	ng		99
29) 2,4-Dichlorophenol	7.88	162	344837	37.270	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	349589	34.865	ng		96
31) Naphthalene	8.04	128	1147489	38.989	ng		99
32) Benzoic acid	7.78	122	142243	27.539	ng		95
33) 4-Chloroaniline	8.09	127	392348	29.027	ng		98
34) Hexachlorobutadiene	8.17	225	205503	34.307	ng		97
35) Caprolactam	8.45	113	112763m	35.967	ng		
36) 4-Chloro-3-methylphenol	8.57	107	354126	35.929	ng		98
37) 2-Methylnaphthalene	8.73	142	755207	38.842	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	326313	36.110	ng		97
40) Hexachlorocyclopentadiene	8.90	237	246888	54.307	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108942.D
Acq On : 11 Sep 2018 18:24
Operator : JU/SJ
Sample : J4847-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:59 AM

Quant Time: Sep 12 03:41:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	237213	38.539	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	250878	39.321	ng		98
45) 1,1'-Biphenyl	9.20	154	878694	37.755	ng		100
46) 2-Chloronaphthalene	9.22	162	682084	36.238	ng		99
47) 2-Nitroaniline	9.31	65	229366	44.607	ng		91
48) Acenaphthylene	9.63	152	1097404	39.115	ng		100
49) Dimethylphthalate	9.50	163	1199855	56.747	ng		99
50) 2,6-Dinitrotoluene	9.55	165	180541	44.810	ng		98
51) Acenaphthene	9.81	154	665188	38.314	ng		100
52) 3-Nitroaniline	9.72	138	166341	34.683	ng		99
53) 2,4-Dinitrophenol	9.82	184	74611	53.851	ng	#	19
54) Dibenzofuran	9.98	168	929704	36.736	ng		99
55) 4-Nitrophenol	9.88	139	273092	76.168	ng		98
56) 2,4-Dinitrotoluene	9.95	165	230192	44.676	ng	#	96
57) Fluorene	10.32	166	674051	41.504	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	202425	39.342	ng	#	87
59) Diethylphthalate	10.20	149	794218	36.399	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	325755	37.557	ng		92
61) 4-Nitroaniline	10.32	138	169927	39.111	ng		98
62) Azobenzene	10.47	77	789606	35.057	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	58815	31.036	ng		93
65) n-Nitrosodiphenylamine	10.43	169	666574	37.806	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	217682	36.344	ng		92
67) Hexachlorobenzene	10.87	284	225011	35.192	ng		93
68) Atrazine	10.95	200	221764	39.290	ng		98
69) Pentachlorophenol	11.06	266	220936	56.520	ng		98
70) Phenanthrene	11.27	178	960782	37.940	ng		99
71) Anthracene	11.32	178	985236	40.634	ng		100
72) Carbazole	11.48	167	884455	34.637	ng		99
73) Di-n-butylphthalate	11.82	149	1125179	39.680	ng		99
74) Fluoranthene	12.45	202	915488	36.513	ng		98
76) Benzidine	12.57	184	577671	33.052	ng		98
77) Pyrene	12.68	202	910431	32.085	ng		100
79) Butylbenzylphthalate	13.31	149	422149	33.036	ng		97
80) Benzo(a)anthracene	13.87	228	803633	34.000	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	314561	34.158	ng	#	97
82) Chrysene	13.90	228	795045	34.746	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	543965	33.874	ng		99
84) Di-n-octyl phthalate	14.48	149	1027949	38.396	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	883850	43.647	ng		95
87) Benzo(b)fluoranthene	14.88	252	930838	37.045	ng		97
88) Benzo(k)fluoranthene	14.91	252	745060	32.199	ng		99
89) Benzo(a)pyrene	15.23	252	838735	36.994	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	749372	37.510	ng		97
91) Benzo(g,h,i)perylene	17.06	276	696050	34.798	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108942.D
Acq On : 11 Sep 2018 18:24
Operator : JU/SJ
Sample : J4847-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 12 03:41:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:59 AM