Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088771.D
Acq On : 7 Jul 2016 9:10
Operator : UM/SJ
Sample : H3897-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Manual Integrations
APPROVED
umangi
7/7/2016 6:10:15 PM

Quant Time: Jul 07 15:34:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	90304	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	352991	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	156108	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	261469	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	176227	20.00	ng		-0.03
86) Perylene-d12	15.27	264	174157	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	450140	74.71	ng		-0.02
7) Phenol-d6	6.39	99	524779	67.40	ng		-0.02
23) Nitrobenzene-d5	7.31	82	340277	50.52	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	108635	74.94	ng		-0.03
44) 2-Fluorobiphenyl	9.12	172	610859	61.81	ng		-0.02
78) Terphenyl-d14	12.85	244	427038	53.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	48188	16.13	ng	#	23
3) Pyridine	2.99	79	116597	13.45	ng		89
4) n-Nitrosodimethylamine	2.94	42	58533	17.67	ng		86
6) Aniline	6.41	93	166091	14.64	ng		98
8) 2-Chlorophenol	6.54	128	148109	22.87	ng		87
9) Benzaldehyde	6.28	77	101002	19.15	ng	#	81
10) Phenol	6.40	94	187333	21.08	ng	#	69
11) bis(2-Chloroethyl)ether	6.49	93	149703	22.59	ng		85
12) 1,3-Dichlorobenzene	6.68	146	141727	19.89	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	145855	20.62	ng		95
14) 1,2-Dichlorobenzene	6.92	146	141760	21.41	ng		97
15) Benzyl Alcohol	6.89	79	125379	21.88	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.04	45	171511	17.87	ng		89
17) 2-Methylphenol	7.02	107	129167	24.45	ng		97
18) Hexachloroethane	7.27	117	54791	20.03	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	102595	19.62	ng		93
20) 3+4-Methylphenols	7.16	107	147174	23.21	ng	#	76
22) Acetophenone	7.16	105	217740	25.41	ng	#	90
24) Nitrobenzene	7.34	77	178343	26.26	ng		92
25) Isophorone	7.58	82	296807	23.79	ng		97
26) 2-Nitrophenol	7.66	139	72968	26.20	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	124896	21.53	ng	#	86
28) bis(2-Chloroethoxy)methane	7.79	93	200327	24.67	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	117391	25.04	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	118193	22.97	ng		99
31) Naphthalene	8.06	128	429305	24.67	ng		99
32) Benzoic acid	7.77	122	16510	3.92	ng		97
33) 4-Chloroaniline	8.10	127	102694	13.26	ng		94
34) Hexachlorobutadiene	8.18	225	70841	25.72	ng		99
35) Caprolactam	8.46	113	31940	20.06	ng		92
36) 4-Chloro-3-methylphenol	8.59	107	136769	24.67	ng		95
37) 2-Methylnaphthalene	8.75	142	263818	23.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	113856	21.93	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	52421	20.57	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088771.D
Acq On : 7 Jul 2016 9:10
Operator : UM/SJ
Sample : H3897-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMPMSD

Manual Integrations APPROVED
umangi
7/7/2016 6:10:15 PM

Quant Time: Jul 07 15:34:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	81945	23.94	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	68137	23.13	ng	#	82
45) 1,1'-Biphenyl	9.21	154	317643	24.57	ng		99
46) 2-Chloronaphthalene	9.23	162	243837	24.03	ng		98
47) 2-Nitroaniline	9.32	65	72372	20.10	ng		95
48) Acenaphthylene	9.64	152	384025	23.78	ng		99
49) Dimethylphthalate	9.52	163	434089	39.03	ng		98
50) 2,6-Dinitrotoluene	9.58	165	68273	27.70	ng	#	85
51) Acenaphthene	9.82	154	219427	22.17	ng		98
52) 3-Nitroaniline	9.74	138	58168	18.56	ng		90
53) 2,4-Dinitrophenol	9.84	184	4679	4.30	ng		88
54) Dibenzofuran	9.99	168	327543	25.28	ng	#	88
55) 4-Nitrophenol	9.91	139	120769	50.72	ng	#	74
56) 2,4-Dinitrotoluene	9.98	165	88654	27.51	ng		92
57) Fluorene	10.33	166	267224	26.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	50436	22.13	ng	#	53
59) Diethylphthalate	10.22	149	315413	28.26	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	122350	26.38	ng		90
61) 4-Nitroaniline	10.34	138	53994	17.91	ng		84
62) Azobenzene	10.48	77	315726	24.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.38	198	7408	5.30	ng		84
65) n-Nitrosodiphenylamine	10.44	169	239829	27.10	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	65886	25.00	ng	#	74
67) Hexachlorobenzene	10.88	284	75771	25.98	ng	#	80
68) Atrazine	10.97	200	65583	23.78	ng		92
69) Pentachlorophenol	11.07	266	60880	35.27	ng		99
70) Phenanthrene	11.29	178	335472	23.47	ng		97
71) Anthracene	11.34	178	358293	25.21	ng		99
72) Carbazole	11.48	167	299558	22.39	ng		98
73) Di-n-butylphthalate	11.84	149	426553	27.41	ng	#	97
74) Fluoranthene	12.47	202	318122	21.95	ng		95
76) Benzidine	12.59	184	258500	29.02	ng		98
77) Pyrene	12.70	202	294663	19.72	ng		97
79) Butylbenzylphthalate	13.33	149	147584	22.14	ng		98
80) Benzo(a)anthracene	13.87	228	260093	22.92	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	82423	19.32	ng	#	96
82) Chrysene	13.91	228	220399	19.63	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	213647	28.08	ng		100
84) Di-n-octyl phthalate	14.49	149	331648	25.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	215524	24.95	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	233884m	21.41	ng		
88) Benzo(k)fluoranthene	14.90	252	224270m	23.58	ng		
89) Benzo(a)pyrene	15.21	252	218789	23.65	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	182529	23.63	ng		98
91) Benzo(g,h,i)perylene	16.97	276	169491	21.21	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088771.D
Acq On : 7 Jul 2016 9:10
Operator : UM/SJ
Sample : H3897-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 07 15:34:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Manual Integrations
APPROVED
umangi
7/7/2016 6:10:15 PM